

Ground-Water Levels in the United States, 1971-74

Northwestern States

GEOLOGICAL SURVEY WATER-SUPPLY PAPER 2161

*Prepared in cooperation with the States
of Alaska, Colorado, Idaho, Montana,
Oregon, Utah, Washington, and
Wyoming, and with other agencies*



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UNITED STATES DEPARTMENT OF THE INTERIOR

CECIL D. ANDRUS, *Secretary*

GEOLOGICAL SURVEY

V. E. McKelvey, *Director*

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PREFACE

This report was prepared by the U.S. Geological Survey in cooperation with the States of Alaska, Colorado, Idaho, Montana, Oregon, Utah, Washington, and Wyoming, and with other agencies, by personnel of the Water Resources Division, J. S. Cragwall, Jr., chief hydrologist, G. W. Whetstone, assistant chief hydrologist for Scientific Publications and Data Management, under the general direction of G. A. Billingsley, chief, Reports Section, and C. B. Ham, chief, Data Reports Unit.

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GROUND-WATER LEVELS IN THE UNITED STATES 1971-74

NORTHWESTERN STATES

INTRODUCTION

Publication of ground-water level data for the United States in water-supply papers was begun by the Geological Survey in 1935. From 1935 through 1939, a single water-supply paper for each year covering the entire nation was issued (Water-Supply Papers 777, 817, 840, 845, and 886). Since then water-supply papers have been issued covering 6 separate sections of the United States as shown in figure 1. See table on page 2 for the number of the water-supply paper containing records by year and section.

Beginning in 1956, only water-level data from a basic network of observation wells has been published. This basic network contains observation wells so located that the most significant data are obtained from the fewest wells in the most important aquifers. In some States the basic network forms the skeletal index of a more comprehensive observation-well program. Publications that contain substantial additional water-level data are listed at the end of each State report in this volume.

Each well is identified by (1) a 15-digit number based on latitude and longitude, and (2) a local number that is provided for continuity with older reports and for other use as dictated by local needs. The first 6 digits of the 15-digit number are degrees, minutes, and seconds of north latitude; the next 7 digits are degrees (including a leading zero for those less than 100), minutes, and seconds of west longitude; and the final 2 digits are sequential numbers assigned in the order in which the wells (or other hydrologic sites) are established in that 1-second quadrangle. This system provides both the geographic location and a unique number for each well.

Measurements are made in many types of wells, under varying conditions of access and at different temperatures, hence, neither the method of measurement nor the equipment can be standardized. At each observation well, however, the equipment and techniques used are those that will insure that measurements at each well are consistent.

Water-level measurements in this report are given in feet with reference to either mean sea level (msl) or land-surface datum (lsd). Mean sea level is the datum plane on which the national network of precise levels is based; land-surface datum is a datum plane that is approximately at land surface at each well. If known, the altitude of the land-surface datum above mean sea level is given in the well description. The height of the measuring point (MP) above or below land-surface datum is given in each well description. Water levels in wells equipped with recording gages are reported for every fifth day and the end of each month (eom).

In the well description, dimensions are given in International System Units (SI) as well as in English units. The factor 0.3048 is used to convert feet to meters; the factor 2.54

GROUND-WATER LEVELS, 1971-74, NORTHWESTERN STATES

is used to convert inches to centimeters; and the factor 1.609 is used to convert miles to kilometers.

Water levels are reported to as many significant figures as can be justified by the local conditions. For example, in a measurement of a depth to water of several hundred feet, the error in determining the absolute value of the total depth to water may be a few tenths of a foot, whereas the error in determining the net change of water level between successive measurements may be only a hundredth or a few hundredths of a foot. For lesser depths to water the accuracy is greater. Accordingly, most measurements are reported to a hundredth of a foot, but some are given only to a tenth of a foot or a larger unit.

Measurements were made by the Water Resources Division of the Geological Survey under the direction of personnel listed in the preface.

Numbers of water-supply papers containing records of water levels in the United States, 1940-74

Year	North-eastern (1)	South-eastern (2)	North-central (3)	South-central (4)	North-western (5)	South-western (6)
1940	906	907	908	909	910	911
1941	936	937	938	939	940	941
1942	944	945	946	947	948	949
1943	986	987	988	989	990	991
1944	1016	1017	1018	1019	1020	1021
1945	1023	1024	1025	1026	1027	1028
1946	1071	1072	1073	1074	1075	1076
1947	1096	1097	1098	1099	1100	1101
1948	1126	1127	1128	1129	1130	1131
1949	1156	1157	1158	1159	1160	1161
1950	1165	1166	1167	1168	1169	1170
1951	1191	1192	1193	1194	1195	1196
1952	1221	1222	1223	1224	1225	1226
1953	1265	1266	1267	1268	1269	1270
1954	1321	1322	1323	1324	1325	1326
1955	1404	1405	1406	1407	1408	1409
1956	....	....	1456	....	....	....
1956-57	1537	....	....	....	....	....
1956-58	....	1538	....	....	....	....
1956-59	....	....	....	1549	....	....
1956-60	....	....	....	....	1760	1770
1957-61	....	....	1781	....	....	....
1958-62	1782	....	....	....	....	....
1959-63	....	1803	....	....	....	....
1960-64	....	....	....	1824	....	....
1961-65	....	....	....	....	1845	1855
1962-66	....	....	1976	....	....	....
1963-67	1977	....	....	....	....	....
1964-68	....	1978	....	....	....	....
1965-69	....	....	....	1979	....	....
1966-70	....	....	....	....	1980	2010
1967-71	....	....	2090	....	....	....
1968-72	2140	....	....	....	....	....
1969-73	....	2171	....	....	....	....
1970-74	....	....	....	2172	....	....
1971-74	....	....	....	....	2161	2162

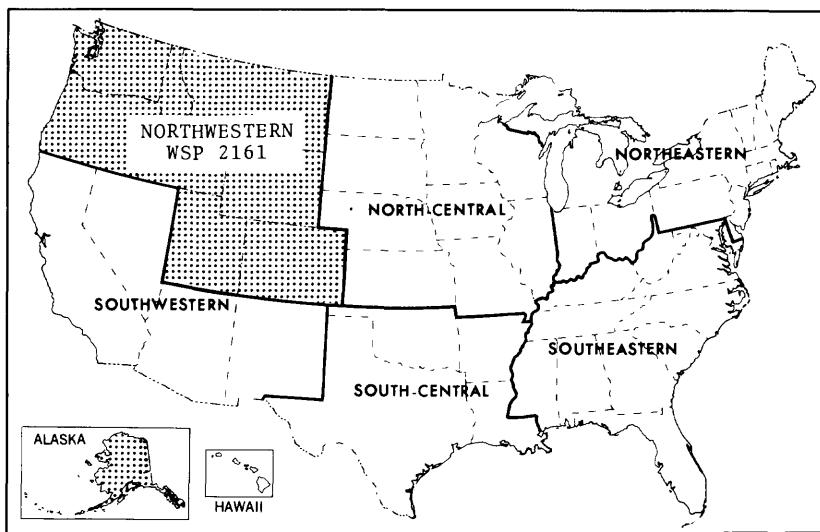


Figure 1. Map of the United States showing States for which records of water levels are published in this volume

ALASKA

During the 1971-74 period, the observation network consisted of 23 wells. Four wells were discontinued and 5 wells added to the network since the 1966-70 report. Automatic water-level recorders, operated at 10 wells, gave good readings except mainly when clock stoppage or well freezing occurred at cold temperatures. Measurements at all wells were made entirely by U.S. Geological Survey personnel. Figure 2 shows the location of observation wells included in this report.

Well-Numbering System

Wells are numbered according to their latitude-longitude location, as explained on page 1. Local well numbers are also given.

The local well numbers are assigned according to a consecutive register system of numbers, each well having a unique AK number. The State of Alaska has been divided into six hydrologic regions, as adopted by the Inter-Agency Technical Committee of Alaska. A block of numbers has been arbitrarily assigned to each region. Each well within a hydrologic region is assigned the next available number from smaller sub-blocks of numbers designating geographical localities.

Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum, except where indicated by a plus (+) sign as being above the datum plane.

Anchorage Area

611444149415401. Local number AK 17. U.S. Geol. Survey, Arctic Valley Rd., Fort Richardson. Drilled test artesian well in sand and gravel of Pleistocene age, diam 6 in (15 cm), depth 670 ft (204 m), cased to 134 ft (41 m), backfilled with gravel to 134 ft (41 m) and plugged, perforated 90-120 ft (27-37 m), 130-174 ft (40-51 m). Lsd 294 ft (90 m) above msrl. MP top of shelter floor, 1.95 ft (0.59 m) above lsd. Highest water level 42.15 ft (12.85 m) below lsd, Oct. 28, 1960; lowest 66.49 ft (20.27 m) below lsd, May 15, 1971. Records available: 1954-62, 1966-74. Major fluctuations caused by large-volume pumping in Anchorage area.

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	59.29	.....	64.51	65.82	.....	65.58	63.31	59.20	.....	55.87	56.17
10	e60.1	60.16	.....	64.80	65.85	.....	63.18	.....	.....	55.81	56.01
15	59.46	60.24	.....	65.08	66.46	.....	61.74	.....	.....	56.02	54.66
20	.....	60.53	63.49	65.62	66.44	.....	60.98	57.61	.....	55.67	55.30
25	59.96	.....	63.45	65.92	65.90	65.62	60.8	.....	56.72	55.99	54.53
Ecm	59.97	64.15	65.85	65.67	e63.7	59.58	56.25	55.88	54.42

1972

5	53.99	55.68	57.39	61.05	63.66	62.71	59.22	56.58	55.56	55.19	.....	52.42
10	56.09	57.41	61.72	63.35	62.57	59.30	56.50	55.72	55.16	52.06	.....	52.06
15	54.49	56.04	58.05	62.52	.....	62.09	58.57	56.04	55.45	54.78	.....	51.32
20	55.03	56.73	58.63	62.49	.....	61.62	57.70	55.48	54.45	.....	51.92	.....
25	55.62	56.98	60.08	62.90	63.17	61.02	57.02	55.67	55.48	54.34	52.22	51.39
Ecm	55.55	56.89	60.88	63.67	62.91	60.44	57.42	55.94	54.96	53.80	52.66	52.21

1973

5	51.95	.....	.....	57.22	56.53	55.33	55.14	54.48	53.09	52.21	52.97
10	52.02	.....	.....	57.41	56.68	55.04	55.10	54.75	52.14	52.03	53.37
15	e52.2	.....	.....	57.00	56.34	55.94	54.89	54.22	52.18	51.97	52.38
20	52.34	.....	.....	56.97	56.16	55.36	54.43	53.97	52.38	51.64	52.44
25	.....	.....	.....	57.31	56.90	55.55	55.75	54.76	53.50	52.10	e51.7
Ecm	57.19	56.95	55.33	55.52	54.62	53.54	52.81	53.16	53.18

1974

5	54.06	56.03	58.57	59.38	60.00	58.39	55.63	54.33	53.44	52.93	55.34
10	54.12	56.34	58.74	59.70	60.11	57.75	55.44	54.25	53.79	53.18	55.26
15	54.49	56.67	58.92	59.76	59.23	57.14	55.03	53.90	53.20	52.99	55.67
20	55.06	57.18	60.10	59.54	58.70	56.86	54.67	54.20	53.53	53.89	55.72
25	55.49	57.91	59.55	59.76	58.10	56.58	54.51	53.58	53.29	54.82	55.95
Ecm	55.48	58.42	59.37	59.90	57.91	55.91	54.30	53.48	53.29	55.57	.....

e Estimated.

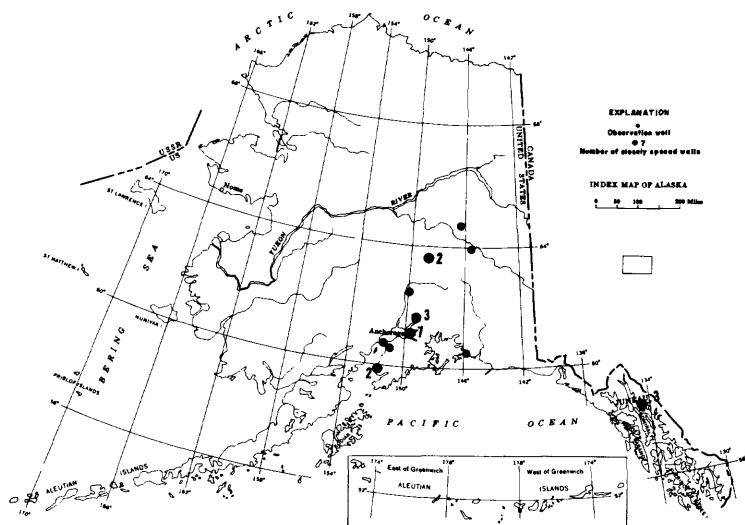


Figure 2.--Location of observation wells in Alaska, 1971-74.

GROUND-WATER LEVELS, 1971-74, NORTHWESTERN STATES

611336149454401. Local number AK 67. U.S. Air Force. Near Glenn Hwy. and Boniface Parkway, Elmendorf Air Force Base. Drilled unused artesian well in sand and gravel of Pleistocene age, diam 6 in (15 cm), depth 108 ft (60 m) above msal. casing information not available. Lsd 210 ft (64 m) above msal. MP top of casing, 3.90 ft (1.19 m) above lsd. Highest water level 14.88 ft (4.54 m) below lsd, Oct. 28, 1960; lowest 34.77 ft (10.60 m) below lsd, May 14-18, 1971. Records available: 1959-62, 1966-74. Water levels affected by Anchorage area pumping. Recording gage stolen August 1974 and not replaced until December 1974. Sept. 23, 1974, 25.13; Oct. 24, 24.95; Nov. 21, 29.59.

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	27.14	28.66	....	34.23	34.13	32.72	33.48	29.77	27.18	25.33	26.24	28.72
10	27.11	29.26	....	33.91	34.01	34.07	32.70	30.08	26.72	25.17	27.79	28.45
15	27.05	29.75	31.16	33.45	34.69	34.51	32.33	28.95	26.44	25.26	26.07	....
20	e27.3	30.07	33.20	34.10	33.10	34.04	32.42	28.55	26.10	24.98	27.85	25.88
25	....	30.34	33.72	34.39	33.70	32.88	30.54	e28.2	25.11	26.17	26.62	25.88
Eom	28.69	....	33.70	34.18	33.89	33.35	30.07	27.70	25.46	27.41	28.61	25.45

1972

5	25.63	27.40	28.48	32.77	34.06	....	27.92	26.79	25.42	24.29	23.74	24.12
10	26.00	27.49	28.73	32.05	32.77	....	29.36	26.68	25.29	24.32	23.88	24.05
15	26.59	27.59	28.94	33.46	32.70	....	27.81	26.19	24.94	23.91	23.93	23.97
20	27.13	27.96	29.23	32.32	32.42	....	27.31	26.01	24.90	23.66	23.88	23.96
25	27.44	28.24	31.13	33.37	e32.4	....	27.15	25.64	24.79	23.48	23.77	23.87
Eom	27.51	28.31	32.25	33.73	....	28.88	28.76	25.75	24.34	23.33	23.85	24.05

1973

5	24.39	25.48	26.07	28.53	27.16	....	24.74	23.63	....	23.31	25.36	
10	24.27	25.53	26.22	28.94	27.20	26.52	....	24.59	23.95	....	23.20	24.63
15	24.23	25.61	26.34	27.39	27.24	26.12	....	23.90	23.73	....	23.06	23.06
20	....	25.71	26.55	27.40	27.12	25.91	....	23.84	23.56	....	22.73	23.29
25	....	25.90	26.82	26.74	....	25.26	....	24.17	....	23.05	e22.8	23.80
Eom	25.29	25.94	27.43	27.00	....	25.19	25.25	24.06	....	23.63	25.38	24.05

1974

5	23.40	25.84	27.58	....	28.49	30.02	29.66	....	....	....	....	....
10	23.41	25.93	27.77	....	28.54	30.12	27.29	....	....	....	....	....
15	24.01	26.49	28.24	....	28.49	28.15	26.77	....	....	....	....	....
20	24.48	27.04	28.58	....	28.44	27.43	26.52	....	....	....	....	28.76
25	24.93	27.15	29.82	....	29.57	27.16	26.16	....	....	....	....	28.66
Eom	25.35	27.18	....	28.72	30.12	27.43	....	....	....	....	....	28.59

e Estimated.

611311149510401. Local number AK 114. City of Anchorage. Third and Concrete Aves., Anchorage. Drilled test artesian well in sand and gravel of Pleistocene age, diam 8 in (20 cm), depth 230 ft (70 m), slotted 162-182 ft (49-55 m), 190-201 ft (58-61 m). Lsd 129.3 ft (39.4 m) above msal. MP top of coupling on casing cap, 1.80 ft (0.55 m) above lsd (Lsd 129.3 ft, since January 1971). Highest water level 28.88 ft (8.80 m) below lsd, Nov. 29, 1957; lowest 125.83 ft (38.35 m) below lsd, May 24, 1973. Records available: 1956-74. Fluctuation caused by pumping of nearby municipal wells.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22, 1971	54.00	Jan. 22, 1972	99.39	Jan. 22, 1973	112.94	Jan. 28, 1974	61.14
Feb. 22	57.99	Feb. 23	66.25	Feb. 22	120.67	Feb. 25	119.01
Mar. 26	106.39	Mar. 24	112.28	Mar. 22	120.27	Mar. 28	89.62
Apr. 22	74.57	Apr. 25	123.93	Apr. 23	122.16	Apr. 24	77.31
May 25	108.63	May 24	125.45	May 24	125.83	May 29	122.00
June 25	115.30	July 10	122.64	June 21	86.41	June 25	121.22
July 23	95.11	25	106.37	July 23	93.38	July 25	98.35
Aug. 26	63.99	25	76.76	Aug. 23	62.02	Aug. 23	111.83
Sept. 23	106.40	Sept. 26	64.28	Sept. 24	61.38	Sept. 23	91.13
Oct. 25	108.25	Oct. 23	62.43	Oct. 23	61.92	Oct. 24	105.14
Nov. 24	112.60	Nov. 21	66.98	Nov. 26	96.18	Dec. 20	110.50
Dec. 23	109.81	Dec. 21	106.23				

611149149553901. Local number AK 280. City of Anchorage. West Northern Lights Blvd, and Lahonda Dr. Drilled unused artesian well in sand and gravel of Pleistocene age, diam 6 in (15 cm), depth 283 ft (86 m), screened 278-283 ft (85-86 m). Lsd 47 ft (14 m) above msal. MP top of casing, 1.30 ft (0.40 m) above lsd. Highest water level flowing, 1962-63; lowest 13.02 ft (3.97 m) below lsd, Apr. 2, 1964. Records available: 1962-74. Tide effect in well about 0.20 ft (0.06 m).

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	(J)	(J)	(J)	(J)	5.48	6.92	7.44	....	5.68	....	4.13	5.11
10	(J)	(J)	(J)	(J)	5.63	6.91	7.49	....	5.51	....	4.30	5.08
15	(J)	(J)	(J)	(J)	6.15	7.23	7.49	....	....	....	4.79	5.14
20	(J)	(J)	(J)	e6.3	6.36	7.08	7.39	....	....	....	4.80	5.52
25	(J)	(J)	(J)	6.43	6.65	7.11	7.17	e7.7	5.23	3.99	5.14	5.28
Eom	(J)	(J)	(J)	6.17	6.83	7.27	....	7.03	....	3.70	5.56	4.80

1972

5	(J)	(J)	(J)	(J)	7.34	7.45	7.44	7.56	5.17	4.31	e3.0	(J)
10	(J)	(J)	(J)	(J)	7.13	7.19	7.31	7.90	5.39	3.83	(J)	(J)
15	(J)	(J)	(J)	(J)	7.17	7.40	7.35	7.52	5.02	3.66	(J)	(J)
20	(J)	(J)	(J)	(J)	7.37	7.75	7.43	7.36	4.76	3.27	(J)	(J)
25	(J)	(J)	(J)	(J)	7.16	7.67	7.34	7.06	4.49	3.27	(J)	(J)
Eom	(J)	(J)	(J)	7.24	7.22	7.72	7.68	5.79	3.85	3.21	(J)	(J)

611149149553901--Continued.

1973

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	(J)	(J)	(J)	(J)	(J)	....	4.76	4.47	3.18	2.51	(J)	(J)
10	(J)	(J)	(J)	(J)	(J)	....	5.00	4.30	3.08	2.26	(J)	(J)
15	(J)	(J)	(J)	(J)	(J)	....	5.19	3.79	2.76	2.35	(J)	(J)
20	(J)	(J)	(J)	(J)	(J)	....	5.07	3.73	2.56	2.28	(J)	(J)
25	(J)	(J)	(J)	(J)	5.90	4.84	5.26	3.36	2.31	(J)	(J)	(J)
Eom	(J)	(J)	(J)	(J)	6.15	4.78	4.94	3.18	2.44	(J)	(J)	(J)

1974

5	(J)	(J)	(J)	(J)	(J)	7.53	8.83	8.03	7.28	5.95	6.17	6.13
10	(J)	(J)	(J)	(J)	(J)	8.26	8.78	8.18	7.22	6.38	5.84	5.54
15	(J)	(J)	(J)	(J)	(J)	8.39	8.67	7.98	6.90	6.22	5.09	5.19
20	(J)	(J)	(J)	(J)	5.11	8.63	8.37	7.56	7.07	6.54	5.60	4.84
25	(J)	(J)	(J)	(J)	5.10	8.32	7.64	6.88	6.34	6.09	4.70	
Eom	(J)	(J)	(J)	(J)	6.79	8.64	8.16	7.61	6.53	6.18	6.66	4.50

e Estimated.

j Frozen.

611001149534601. Local number AK 590. U.S. Geol. Survey. Arctic Blvd. at Alaska Railroad crossing (previously reported Campbell Station Rd.). Drilled observation artesian well in sand and gravel of Pleistocene age, diam 8 in (20 cm), depth 251 ft (77 m), cased to 247 ft (75 m). Lsd 105 ft (32 m) above msl. MP top of casing, 3,94 ft (120 m) above lsd. Highest water level 8.35 ft (2.55 m) above lsd, Oct. 31, 1957; lowest 26.85 ft (8.18 m) below lsd, July 6, 1974. Records available: 1956-74. Records affected by local and regional pumping.

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	7.68	....	....	18.47	17.12	19.01	18.57	16.50	14.47	11.85	12.40	13.90
10	7.93	....	....	18.30	16.85	19.96	19.30	15.78	13.94	11.67	14.18	13.63
15	7.52	....	....	18.31	17.15	20.27	20.43	15.58	13.07	12.00	14.40	13.56
20	e7.4	....	....	19.28	17.94	19.30	20.26	15.88	12.71	12.04	14.38	13.61
25	....	....	....	18.64	18.50	18.64	20.58	e15.6	12.43	11.95	15.50	13.22
Eom	....	....	....	18.02	19.05	19.18	17.67	15.09	12.22	12.04	14.58	13.07

1972

5	13.49	15.05	16.29	18.44	20.63	20.09	19.64	20.78	15.83	13.38	11.85	13.51
10	13.66	15.00	16.53	18.69	21.01	19.76	20.35	21.12	15.33	13.01	11.97	13.58
15	14.42	15.09	16.81	19.53	20.24	20.10	21.06	21.09	14.61	13.02	12.91	13.65
20	15.60	15.54	17.15	19.89	19.92	20.79	21.26	19.30	14.43	12.71	13.45	13.46
25	15.75	16.01	17.67	20.38	20.24	20.00	20.32	17.98	14.32	12.51	13.17	13.52
Eom	15.31	16.19	18.26	20.48	20.53	19.70	20.21	16.82	13.81	12.04	13.13	13.74

1973

5	14.11	16.29	....	17.16	17.36	19.49	18.74	19.35	12.68	12.20	11.17	11.47
10	14.10	15.99	....	17.16	17.42	19.52	19.30	18.08	12.49	11.78	11.70	11.94
15	....	15.88	....	17.22	17.84	18.80	20.23	16.66	12.06	11.49	11.44	12.08
20	....	16.25	....	17.30	17.99	17.44	20.58	15.63	11.94	10.72	11.42	11.96
25	....	....	16.71	17.35	18.42	17.56	20.93	14.76	11.86	10.56	....	11.77
Eom	15.52	....	16.84	17.39	19.05	18.29	20.67	13.92	12.27	10.84	11.81	11.90

1974

5	12.50	14.47	16.68	19.40	22.12	....	26.75	24.58	23.42	22.25	19.40	20.05
10	12.56	14.88	17.24	20.46	21.40	....	25.76	24.80	23.45	20.38	20.32	19.65
15	12.42	15.74	17.82	20.80	21.09	....	25.35	24.80	23.51	18.87	20.60	20.05
20	12.74	15.59	18.60	21.21	21.87	....	24.85	24.71	23.54	18.89	20.52	20.71
25	13.04	15.84	19.73	22.35	22.76	....	24.76	24.77	23.33	18.66	20.84	19.82
Eom	14.09	16.35	18.79	22.95	24.00	26.30	25.12	23.31	22.44	18.44	21.29	18.55

e Estimated.

611051149545701. Local number AK 1782. Formerly AK 441a. U.S. Geol. Survey. Harding and 44th Sts., Anchorage (previously reported 44th Ave., Spenard). Jetted observation water-table well in sand and gravel of Pleistocene age, diam 3 in (7.6 cm), depth 20 ft (6 m), cased, screened 16-20 ft (5.6 m). Lsd 89 ft (27 m) above msl (altimeter Oct. 8, 1964). MP top of casing, 1.85 ft (0.56 m) above lsd. Highest water level 9.94 ft (3.03 m) below lsd, May 21, 1959; lowest 14.80 ft (4.51 m) below lsd, July 23, 1970. Records available: 1951-72. Measurement discontinued. Replaced by well AK 2368.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22, 1971	14.25	June 25, 1971	13.68	Nov. 24, 1971	13.43	Apr. 25, 1972	14.06
Feb. 22	14.24	July 23	13.91	Dec. 23	13.74	May 25	13.37
Mar. 26	14.22	Aug. 26	13.53	Jan. 22, 1972	14.00	July 25	13.94
Apr. 23	13.54	Sept. 24	13.54	Feb. 23	14.19	Aug. 25	14.06
May 25	13.57	Oct. 26	13.25	Mar. 24	14.29		

611049149545101. Local number AK 2368. U.S. Geol. Survey. Harding Dr. and 45th St., Anchorage. Drilled observation water-table well in sand and gravel of Pleistocene age, diam 6 in (15 cm), depth 21 ft (6 m), screened 14-19 ft (4-6 m). Lsd 88 ft (27 m) above msl. MP top of casing cap, 2.50 ft (0.76 m) above lsd. Highest water level 13.18 ft (4.02 m) below lsd, June 5, 1974; lowest 13.52 ft (4.12 m) below lsd, Sept. 23, 1974. Records available: 1974. Replaces well AK 1782.

GROUND-WATER LEVELS, 1971-74, NORTHWESTERN STATES

611049149545101--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 3, 1974	13.29	June 20, 1974	13.27	July 5, 1974	13.32	Sept. 23, 1974	13.52
5	13.18	25	13.27	10	13.34	Oct. 24	13.19
10	13.21	30	13.29	25	13.36	Dec. 20	13.22
15	13.34						

Cordova Area

603227145552401. Local number AK 30,023. City of Cordova water well #2. LePreure St. near west end of Eyak Lake, Cordova. Drilled unused artesian well in sand and gravel of Pleistocene age, diam 10 in (25 cm), depth 82 ft (25 m), backfilled to 71 ft (22 m), screened 49-71 ft (15-22 m). Lsd 32 ft (10 m) above msl. MF top of shelter floor, 4.00 ft (1.22 m) above lsd. Highest water level 8.40 ft (2.56 m) below lsd, Nov. 3, 4, 1974; lowest 35.44 ft (10.80 m) below lsd, Feb. 10, 1974. Records available: 1973-74. Major fluctuations caused by variable pumping of nearby wells.

Highest water level for the day, from recorder graph, 1973

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	30.90	12.03	22.94	11.03	11.49	10.83	10.51	10.91	11.41	17.63	
10	.....	33.65	27.72	18.15	26.88	11.02	11.77	10.60	10.29	10.17	11.78	17.60
15	.....	28.68	31.12	17.94	25.75	11.25	10.17	10.55	11.11	10.66	12.06	17.88
20	.....	20.95	34.34	18.36	10.98	11.39	10.35	11.23	11.44	10.77	12.23	16.59
25	.....	20.04	29.45	23.62	10.64	10.75	11.63	9.49	11.51	11.32	12.37	16.12
Eom	.....	22.26	21.50	22.70	11.67	11.09	10.21	10.66	10.83	11.10	17.27	12.70
1974												
5	15.12	22.40	24.87	31.76	28.24	11.19	26.77	19.35	11.99	18.36	8.54	10.01
10	20.03	35.44	28.84	29.63	28.30	11.10	23.42	12.73	12.47	9.94	10.20	9.67
15	27.92	28.30	26.36	23.63	12.42	11.31	23.00	12.76	10.61	9.42	9.12	10.05
20	31.68	20.02	28.52	29.56	11.30	10.70	....	12.47	11.26	9.11	10.30	10.55
25	21.52	18.88	26.54	32.04	11.04	10.80	20.12	12.46	24.71	8.75	10.63	10.05
Eom	17.30	26.97	24.11	32.88	11.12	....	24.19	10.95	29.11	9.29	9.52	.....

Eielson Air Force Base

643916147043501. Local number AK 50,004. U.S. Air Force, Bldg. 4355 on Eielson Air Force Base. Drilled unused water-table well in sand and gravel of Quaternary age, diam 8 in (20 cm), depth 101 ft (31 m), casing information not available. Lsd 540 ft (165 m) above msl. MF top of recorder base, 1.00 ft (0.30 m) above lsd. Highest water level 6.5 ft (2.0 m) below lsd, Aug. 15, 1967; lowest 9.90 ft (3.02 m) below lsd, Nov. 11, 1969. Records available: 1965-74.

Highest water level for the day, from recorder graph, 1965

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	.....	8.26	....	8.98	9.29
10	.....	.....	.....	.....	.....	.....	.....	8.08	8.67	9.11	9.31	9.31
15	.....	.....	.....	.....	.....	.....	.....	8.23	8.90	9.20	9.31	9.31
20	.....	.....	.....	.....	.....	.....	.....	8.28	9.07	9.20	9.34	9.34
25	.....	.....	.....	.....	.....	.....	.....	8.28	8.94	9.24	9.35	9.35
Eom	.....	.....	.....	.....	.....	.....	8.48	....	8.90	9.28	9.28	9.28
1966												
5	9.27	9.19	8.82	8.77	b8.72	8.00	8.29	8.68	....	9.59	9.66	9.38
10	9.28	9.15	8.85	8.74	7.56	7.99	8.36	8.74	....	9.65	9.60	9.36
15	9.34	9.06	8.84	8.86	7.54	7.98	....	8.81	....	9.70	9.55	9.28
20	9.31	8.99	8.78	8.82	7.78	7.92	....	8.88	9.40	9.75	9.55	9.30
25	9.26	8.90	8.75	9.12	7.96	7.92	8.60	8.82	9.47	9.80	e9.5	9.33
Eom	9.21	8.87	8.74	9.02	7.99	8.10	8.65	....	9.55	9.73	e9.4	9.28
1967												
5	9.30	9.38	9.33	9.22	8.02	7.90	8.25	7.32	7.66	8.94	9.75	9.64
10	9.32	9.34	9.32	9.16	7.93	8.03	8.38	e6.9	7.93	9.13	9.72	9.68
15	9.33	9.33	9.31	9.20	7.90	8.18	8.48	e6.5	8.08	9.28	9.46	9.64
20	9.36	9.35	9.30	9.14	8.12	8.18	8.40	e6.7	8.33	9.53	9.43	9.59
25	9.40	9.35	9.28	9.03	7.87	7.98	7.15	e7.1	8.54	9.56	9.48	9.60
Eom	9.38	9.34	9.26	8.89	7.84	8.10	7.02	7.30	8.76	9.66	9.53	e9.6
1968												
5	e9.6	9.02	8.93	9.09	8.56	8.20	8.19	8.18	8.74	e9.3	9.52	8.90
10	e9.5	8.95	8.95	9.14	8.42	8.32	8.33	8.28	8.88	e9.4	9.33	8.90
15	e9.4	8.93	8.96	9.12	8.06	8.50	8.30	8.45	9.02	e9.5	9.37	8.88
20	e9.3	8.90	8.95	9.21	8.08	8.40	8.38	8.50	9.09	9.58	9.28	9.05
25	9.22	8.90	8.96	8.92	8.07	8.12	8.44	8.46	9.19	9.68	9.10	9.10
Eom	9.12	8.89	9.04	8.81	8.14	8.27	8.31	8.61	e9.3	9.77	8.95	9.12

643916147043501--Continued.

1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	9.18	9.39	9.51	2.54	8.81	e8.8	e8.72	e8.9	8.94	9.45	9.82	9.43
10	9.24	9.41	9.53	0.44	8.94	e8.9	e8.74	e8.76	9.02	9.52	9.58	9.39
15	9.29	9.44	9.53	9.26	8.90	e8.86	e8.76	e8.66	9.10	9.6	9.86	9.39
20	9.30	9.47	9.57	8.91	8.85	e8.82	e8.79	e8.76	9.18	9.6	9.80	9.38
25	9.34	9.48	9.57	8.86	8.85	e8.85	e8.80	e8.76	9.17	9.63	9.68	9.41
Eom	9.38	9.51	9.54	8.53	8.82	e8.80	e8.75	e8.72	9.36	9.74	9.54	9.38

1970

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	9.39	9.11	9.01	8.97	8.27	9.19	8.89	8.70	9.04	9.16	9.32	9.35
10	9.36	9.05	9.13	8.88	8.84	9.10	8.72	8.72	9.16	9.26	9.15	9.40
15	9.30	8.98	3.05	8.77	9.08	9.33	8.74	8.91	9.12	8.93	9.23	8.94
20	9.20	8.95	3.05	8.44	9.27	9.31	8.51	8.94	9.05	8.33	9.32	8.34
25	9.20	8.88	3.05	8.30	9.30	9.37	8.69	8.94	9.05	8.34	9.33	8.94
Eom	9.15	8.91	9.04	8.27	9.29	8.33	8.75	9.03	9.08	9.38	9.40	9.48

1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	4.51	9.53	9.24	9.56	8.23	8.99	8.70	8.05	7.90	8.63	...	...
10	4.53	9.48	9.24	9.52	7.93	8.19	8.69	7.78	8.12	8.73	...	...
15	4.53	9.37	9.26	9.44	7.74	8.27	8.34	7.75	8.38	8.86	...	9.15
20	4.53	9.33	9.29	8.92	7.68	8.26	8.36	8.10	8.61	8.80	...	9.32
25	4.56	9.31	9.32	8.78	7.79	8.24	8.42	8.56	8.77	9.00	...	9.31
Eom	4.56	9.30	9.37	8.64	7.90	8.21	8.44	8.14	8.72	9.16	...	9.30

1972

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	9.28	9.45	9.44	9.45	8.76	8.10	8.24	8.75	8.58	...	...	9.58
10	9.30	9.47	9.43	9.46	7.84	8.17	8.30	8.75	8.60	...	9.53	8.95
15	9.35	9.48	9.45	9.51	7.58	8.33	9.32	8.60	8.46	...	9.51	8.95
20	9.37	9.44	9.46	9.46	7.95	8.10	8.46	8.54	8.54	...	9.55	8.94
25	9.37	9.43	9.45	9.38	8.07	8.20	8.82	8.45	8.87	...	9.59	8.94
Eom	9.42	9.44	9.46	9.20	8.05	8.24	8.84	8.55	8.86	...	9.60	9.38

1973

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	e9.3	e9.2	9.02	9.19	e9.1	9.13	8.52	8.34	8.61	9.49	9.80	9.50
10	e9.3	9.15	8.94	9.18	e9.1	8.28	8.47	8.46	8.83	9.50	9.77	9.42
15	e9.3	9.03	8.94	9.14	9.10	8.83	8.44	8.33	9.00	9.55	9.78	9.35
20	e9.3	8.96	8.39	9.00	8.66	8.66	8.36	8.60	9.19	e9.6	9.71	9.30
25	e9.3	8.97	9.16	8.94	9.00	8.51	8.43	8.30	9.33	e9.7	9.63	9.26
Eom	e9.3	8.94	9.14	8.97	9.13	8.51	8.25	8.37	9.46	9.79	9.58	9.27

1974

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	9.17	e8.8	8.39	8.18	8.33	9.00	8.92	e8.6	8.46	9.23	9.79	...
10	9.18	8.73	8.38	8.23	8.85	9.12	8.68	e8.5	8.59	9.37	...	...
15	9.19	8.62	8.31	8.25	9.10	9.25	8.67	e8.6	8.77	9.52	...	e9.4
20	9.14	8.58	8.25	8.25	9.22	9.30	8.59	e8.4	8.96	9.61	...	9.41
25	9.04	8.47	8.14	8.39	9.15	9.21	8.55	8.41	9.05	9.58	...	9.47
Eom	8.89	8.45	8.19	7.97	9.11	9.01	e8.7	8.50	9.10	9.76	...	...

e Estimated.

h Tape measurement.

Fort Greely Area

635947145435101. Local number AK 50.007. U.S. Army, Fort Greely. Drilled unused water-table well in sand and gravel of Quaternary age, diam 6 in (15 cm), original depth 230 ft (70 m), well filled in to about 217 ft (66 m), casing information not available. Lsd 1,300 ft (396 m) above msln. MP top of casing, 3.50 ft (1.07 m) above lsd. Highest water level 194.2 ft (59.2 m) below lsd, Oct. 5, 7, 1966; lowest dry at 217 ft (66 m), at various times. Records available: 1966-74. Recording gage removed Sept. 14, 1972.

Highest water level for the day, from recorder graph, 1966

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	200.8	....	204.3	206.6	....	....	....	194.2	195.1	....	....
10	....	200.5	....	204.6	206.9	....	....	....	195.3	195.6	....	....
15	202.6	200.9	....	205.0	207.0	....	....	....	195.3	....	....	202.7
20	202.1	....	....	....	....	e207.5	....	....	195.0	194.6	....	202.7
25	e201.9	....	....	....	....	....	....	....	194.7	194.6	....	....
Eom	201.0	....	204.1	....	....	....	....	....	194.6	194.9	....	....

1967

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	203.7	....	211.4	213.2	215.1	(f)	212.6	205.6	199.2	196.7	198.0	....
10	204.1	209.6	211.7	213.5	215.5	(f)	e211.7	204.6	198.5	196.7	198.2	....
15	....	210.0	211.9	214.2	(f)	(f)	210.5	203.4	198.0	196.9	198.3	....
20	....	210.4	212.3	214.4	(f)	215.3	209.7	202.3	197.3	197.0	198.8	201.4
25	....	210.6	212.5	214.7	(f)	214.6	208.2	201.3	196.8	197.3	199.5	201.8
Eom	....	210.8	212.9	215.0	(f)	213.8	206.8	200.0	196.8	197.9	199.7	202.4

GROUND-WATER LEVELS, 1971-74, NORTHWESTERN STATES

635947145435101--Continued.

1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	203.0	205.8	208.0	210.4	212.3	213.6	209.8	203.5	.....	196.0	197.9	201.3
10	203.4	206.4	208.4	211.0	213.0	213.4	208.7	.....	.....	196.0	198.5	202.3
15	203.9	206.7	208.7	211.2	213.0	213.1	207.8	.....	.....	196.1	199.0	202.3
20	.....	206.9	209.1	211.5	213.2	212.5	209.7	.....	.....	196.5	199.6	203.2
25	.....	207.3	209.7	211.8	213.5	211.6	209.7	.....	.....	197.0	200.1	203.9
Eom	.....	207.6	210.1	212.1	213.6	211.0	204.5	.....	.....	197.6	200.8	204.7

1969

5	205.1	.....	.....	.....	215.8	(f)	.....	.....	.....	.....	.....	.....
10	205.5	.....	.....	.....	216.1	216.5	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	216.4	215.9	.....	.....	.....	.....	.....	.....
20	.....	.....	.....	.....	(f)	.....	.....	207.2	.....	.....	.....	.....
25	.....	.....	.....	.....	(f)	.....	.....	206.8	.....	.....	.....	.....
Eom	.....	.....	.....	.....	(f)	.....	.....	.....	.....	.....	.....	.....

1970

5	.....	.....	(f)	(f)	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	(f)	(f)	.....	.....	213.2	.....	.....	.....	.....	.....
15	.....	.....	(f)	(f)	.....	.....	212.3	.....	.....	.....	.....	.....
20	.....	.....	(f)	(f)	.....	.....	211.5	.....	.....	.....	.....	.....
25	.....	.....	(f)	(f)	.....	.....	.....	.....	.....	.....	.....	.....
Eom	.....	.....	(f)	(f)	.....	.....	.....	.....	.....	.....	.....	.....

1971

5	.....	.....	.....	.....	(f)	(f)	(f)	(f)	210.1	207.9	208.8	210.6
10	.....	.....	.....	.....	(f)	(f)	(f)	(f)	216.0	209.3	208.8	211.1
15	.....	.....	.....	.....	(f)	(f)	(f)	(f)	214.7	208.6	207.8	211.3
20	.....	.....	.....	.....	(f)	(f)	(f)	(f)	213.6	208.4	208.1	212.2
25	.....	.....	.....	.....	(f)	(f)	(f)	(f)	212.5	208.1	208.3	210.1
Eom	.....	.....	.....	.....	(f)	(f)	(f)	(f)	211.1	207.8	208.5	210.2

1972

5	213.0	215.9	(f)	(f)	(f)	(f)	(f)	214.5	208.6	.....	.....	.....
10	213.8	216.1	(f)	(f)	(f)	(f)	(f)	213.6	208.1	.....	.....	.....
15	214.3	(f)	(f)	(f)	(f)	(f)	(f)	212.7	.....	.....	.....	.....
20	214.8	(f)	(f)	(f)	(f)	(f)	(f)	211.6	.....	.....	.....	.....
25	215.2	(f)	(f)	(f)	(f)	(f)	(f)	210.7	.....	.....	.....	.....
Eom	215.5	(f)	(f)	(f)	(f)	(f)	(f)	215.7	209.6	.....	.....	.....

e Estimated.

f Dry.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 4, 1972	203.8	May 19, 1973	(f)	Aug. 16, 1973	203.0	July 11, 1974	(f)
Feb. 8, 1973	209.3	May 30, 1973	(f)	Oct. 12, 1973	199.0	Aug. 1, 1974	208.6
Mar. 29	(f)	July 13, 1973	210.6	May 16, 1974	(f)	Dec. 5	201.3

f Dry.

Juneau Area

58242213424001. Local number AK 85,177. U.S. Forest Service, Mendenhall Loop Rd. Bored un-used water-table well in sand and gravel of Quaternary age, diam 6 in (15 cm), depth 100 ft (30 m), screened 90-100 ft (27-30 m). Lsd 69 ft (21 m) above msrl. MP base of recorder shelter, 5.00 ft (1.52 m) above lsd. Highest water level 0.35 ft (0.11 m) above lsd, Oct. 2, 1970; lowest 10.26 ft (3.13 m) below lsd, Mar. 23, 1969. Records available: 1967-74.

Mean water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	6.60	.....	.....	6.58	3.51	2.72	4.06	.....	.....	3.02	3.25	.....
10	2.98	.....	5.34	6.82	2.39	2.72	.....	.....	.....	2.18	3.88	5.08
15	3.11	.....	5.83	5.14	1.87	3.28	.....	.....	.....	2.13	4.44	5.32
20	4.12	.....	2.24	1.77	2.52	3.58	.....	.....	.....	2.11	2.94	5.63
25	4.96	.....	6.43	4.70	2.62	1.60	.....	.....	.....	2.59	2.90	6.08
Eom	5.64	.....	6.86	3.94	2.60	3.93	.....	3.47	2.75	3.65	6.35	.....

1972

5	6.26	7.17	7.99	5.67	3.69	.....	.....	.....	.....	1.08	.....	.....
10	6.57	7.28	8.09	6.00	1.68	.....	.....	.....	.....	.51	.....	.....
15	6.42	7.31	7.56	6.06	1.12	.....	.....	.....	.....	.....	.....	.....
20	6.60	7.71	6.56	6.01	.70	.....	.....	.....	.....	.....	.....	.....
25	6.99	7.81	6.05	5.84	.....	.....	.....	.....	.....	.....	.....	.....
Eom	7.04	7.73	5.76	4.70	.....	.....	.....	.....	.....	.....	.....	.....

1973

5	7.01	5.71	4.76	2.75	2.86	4.06	3.51	1.30	3.70	3.45	6.60	.....
10	7.03	5.98	3.85	2.70	3.12	4.33	3.14	1.47	2.98	4.25	6.72	.....
15	7.29	6.00	2.82	2.75	3.08	4.93	1.19	2.34	1.04	4.95	6.78	.....
20	6.40	5.98	3.20	2.07	3.40	4.93	1.89	3.10	1.91	5.40	6.87	.....
25	5.40	6.10	2.98	2.22	3.70	4.48	2.43	3.52	2.97	5.82	7.04	.....
Eom	5.31	5.48	2.91	2.66	3.81	4.42	2.07	3.78	3.18	6.48	7.28	.....

582422134342001--Continued.

1974

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	7.41	7.69	6.41	7.33	1.68	3.26	2.40	3.78	3.14	1.82	0.29	3.39
10	7.63	5.91	7.00	6.58	1.77	3.28	3.10	3.29	4.08	.60	1.56	2.96
15	7.75	5.63	7.44	5.48	2.41	3.36	3.73	3.60	3.43	.75	1.52	3.29
20	7.99	5.65	7.54	4.40	2.90	3.27	4.18	4.12	2.82	.64	1.56	3.71
25	8.10	5.80	7.62	3.91	3.12	2.45	3.76	3.02	2.57	.07	2.73	3.46
Eom	8.30	5.98	7.60	3.08	3.45	1.89	3.40	2.41	2.19	.60	3.00	3.00

582222134350701. Local number AK 85,236. U.S. Geol. Survey. Mendenhall Valley. Augered un-used water-table well in sand of Quaternary age, diam 2 in (5.1 cm), depth 83 ft (25 m), screen point 79-83 ft (24-25 m). Lsd 36 ft (11 m) above msl. MP base of recorder shelter, 2.00 ft (0.61 m) above lsd. Highest water level 2.82 ft (0.86 m) below lsd, Sept. 30, 1970; lowest 10.70 ft (3.26 m) below lsd, Mar. 24, 1969. Records available: 1969-71. Well destroyed December 1971; measurement discontinued.

Mean water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	e8.53	....	....	....	7.78	7.44	6.42	7.23	6.42	5.66	5.18
10	e8.48	....	....	7.40	7.21	6.50	6.17	6.34	5.06	....
15	7.43	7.56	7.25	6.42	6.55	5.91	4.86	....
20	7.83	7.58	6.93	6.65	6.79	5.95	6.01	....
25	7.70	7.21	6.96	6.95	6.31	5.76	5.35	....
Eom	7.78	7.34	6.97	7.20	5.59	5.85	5.37	....

e Estimated.

582134134295501. Local number AK 85,289. U.S. Geol. Survey. Lemon Creek Valley. Augered un-used water-table well in sand and gravel of Quaternary age, diam 2 in (5.1 cm), depth 70 ft (21 m), screen point 66-70 ft (20-21 m). Lsd 37 ft (11 m) above msl. MP base of recorder shelter, 4.00 ft (1.22 m) above lsd. Highest water level 2.15 ft (0.66 m) below lsd, Oct. 2, 1970; lowest 5.73 ft (1.75 m) below lsd, May 6, 1971. Records available: 1969-72. Measurement discontinued June 14, 1972 due to vandalism of well.

Mean water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	5.05	5.21	5.46	5.28	5.71	4.16	4.10	....	....	....	....	3.68
10	4.25	5.25	5.35	5.43	5.23	4.14	3.89	....	....	....	....	3.57
15	4.56	5.45	5.32	5.58	4.42	4.16	3.83	....	....	....	....	3.48
20	4.70	5.54	5.27	5.68	4.26	4.16	3.84	....	....	....	....	3.32
25	4.88	5.64	5.18	5.68	4.22	4.13	3.83	....	....	....	....	3.19
Eom	5.04	5.58	5.15	5.71	4.17	4.10	....	....	....	....	....	3.14

1972

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	3.13	2.98	....	....	4.10	4.40	....	....	....	....	....	....
10	3.12	2.95	....	....	4.19	4.40	....	....	....	....	....	....
15	3.08	2.95	....	....	4.16	....	....	....	....	....	....	....
20	3.12	2.92	....	....	4.35	....	....	....	....	....	....	....
25	3.05	2.83	....	3.34	4.51	....	....	....	....	....	....	....
Eom	3.02	2.82	....	3.90	4.40	....	....	....	....	....	....	....

Kenai Peninsula Area

602926151042201 (revised). Local number AK 10,001. Charles S. Parker. Mt. Redoubt Way, Soldotna. Drilled unused artesian well in gravel of Pleistocene age, diam 8 in (20 cm), depth 100 ft (30 m), cased to 100 ft (30 m), perforated 81-97 ft (25-30 m). Lsd 100 ft (30 m) above msl. MP hole in shelter floor at top of casing, 3.00 ft (0.91 m) above lsd. Highest water level 2.38 ft (0.73 m) below lsd, July 28, 1963; lowest 12.77 ft (3.89 m) below lsd, Apr. 11, 1973. Records available: 1963-74. Recording gage removed Feb. 10, 1974 and reinstalled June 23, 1974.

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	5.71	(J)	(J)	(J)	(J)	6.45	6.15	5.90	5.79	....	....	6.35
10	5.93	(J)	(J)	(J)	(J)	6.12	5.52	5.79	5.75	5.88	5.88	6.28
15	5.95	(J)	(J)	(J)	(J)	6.20	6.04	....	6.05	5.88	5.88	6.16
20	(J)	(J)	(J)	(J)	(J)	6.18	....	5.82	5.98	5.92	6.21	6.63
25	(J)	(J)	(J)	(J)	(J)	6.23	6.35	5.68	....	5.92	6.06	6.56
Eom	(J)	(J)	(J)	(J)	(J)	6.00	6.20	6.02	5.70	....	5.77	5.80

1972

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	6.38	6.04	9.59	9.30	10.15	5.76	5.97	6.02	5.58	5.49	5.11	7.86
10	6.38	6.98	10.66	10.25	7.95	6.96	6.48	5.92	5.75	....	5.91	8.16
15	6.45	8.90	10.68	10.00	7.19	6.15	6.21	5.65	5.65	....	5.74	9.79
20	6.63	e9.55	10.59	9.95	....	5.80	6.07	5.64	5.64	....	5.29	8.61
25	6.58	8.61	9.56	10.17	6.57	5.78	6.05	5.65	5.63	....	5.13	9.42
Eom	6.10	9.48	9.95	10.55	6.07	5.94	6.25	5.90	5.49	5.60	5.94	7.54

602926151042201--Continued.

1973

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	8.55	7.98	10.78	11.87	8.18	6.40	6.26	6.09	5.37	5.83	.....	.....
10	8.50	8.52	8.68	11.54	9.52	5.99	6.30	5.34	6.02	5.93	.....	.....
15	.....	8.52	9.30	9.96	6.48	6.10	6.13	6.44	5.19	.....	.....	.....
20	.....	8.49	11.16	10.25	6.64	6.10	7.03	5.90	5.28	.....	.....	11.11
25	.....	10.20	12.14	9.88	7.00	6.14	6.62	6.01	5.27	.....	.....	10.71
Eom	.....	10.17	11.71	9.85	6.26	6.14	6.13	5.39	5.33	.....	.....	10.85

1974												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	10.89	11.44	.....	.....	.....	.....	6.32	6.63	5.43	6.50	6.33	6.44
10	10.81	11.44	.....	.....	.....	.....	6.43	5.90	6.10	5.71	5.51	6.55
15	10.55	11.83	.....	.....	.....	.....	6.35	6.43	5.40	5.31	5.56	6.52
20	10.87	11.67	.....	.....	.....	.....	6.88	6.17	5.76	5.63	6.00	6.10
25	10.89	.....	.....	.....	.....	.....	6.60	5.90	6.07	5.39	6.09	6.73
Eom	11.48	.....	.....	.....	.....	6.98	6.45	5.63	5.34	5.86	7.44	7.24

e Estimated.

j Frozen.

595604151432301. Local number AK 10,002. U.S. Geol. Survey, Happy Valley. Augered unused water-table well in gravel of Pleistocene age, diam 2 in (5.1 cm), depth 38 ft (12 m), screened 35-38 ft (11-12 m). Lsd 150 ft (46 m) above msl. MP top of pipe, 3.20 ft (0.98 m) above lsd. Highest water level 6.60 ft (2.01 m) below lsd, June 17, 1968; lowest 12.18 ft (3.71 m) below lsd, Mar. 3, 1970. Records available: 1968-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 23, 1971	10.90	Oct. 6, 1972	7.11	Oct. 10, 1973	9.67	June 22, 1974	9.98
Aug. 27	7.53	May 10, 1973	9.15	Nov. 30	9.99	Aug. 3	10.73
Nov. 10	8.18	June 20	8.60	Jan. 25, 1974	10.87	Sept. 5	10.95
July 6, 1972	7.14	July 25	9.41	Mar. 22	11.70	Oct. 8	10.47
Aug. 28	8.08	Sept. 6	9.98	Apr. 26	9.25		

594515141492201. Local number AK 10,003. Standard Oil Co. of California. Mile 161, Old Sterling Hwy, near Anchorage Point. Drilled unused artesian well in sand and gravel of Quaternary age, diam 6 in (15 cm), depth 100 ft (30 m), perforated liner 91-100 ft (28-30 m). Lsd 240 ft (73 m) above msl. MP slot in top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 35.85 ft (10.93 m) below lsd, May 31, 1963; lowest 47.89 ft (14.60 m) below lsd, June 20, 1964. Records available: 1962-70, 1972-74. No measurement made in 1971.

May 25, 1972	40.33	May 10, 1973	39.95	Nov. 30, 1973	39.28	June 21, 1974	39.96
July 6	39.08	June 20	39.47	Jan. 25, 1974	39.90	Sept. 5	39.93
Aug. 29	38.97	Sept. 6	38.92	Mar. 22	40.50	Oct. 8	39.18
Oct. 6	38.11	Oct. 10	38.26	Apr. 26	40.50	Nov. 21	38.14

604036151204301. Local number AK 10,004. Collier Carbon & Chemical Co. well 5B. Mile 1, Miller Loop Rd., North Kenai. Drilled observation artesian well in sand and gravel of Pleistocene age, diam 6 in (15 cm), depth 112 ft (34 m), screened 106-110 ft (32-34 m). Lsd 130 ft (40 m) above msl. MP top of casing, 2.00 ft (0.61 m) above lsd. Highest water level 46.52 ft (14.18 m) below lsd. Feb. 7, 1968; lowest 61.48 ft (18.74 m) below lsd, Nov. 29, 1970. Records available: 1967-74. Large fluctuations caused by heavy local pumping.

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	58.68	58.74	58.32	58.46	54.72	54.52	57.95	57.95	56.91	58.13	53.46	56.68
10	58.67	59.33	58.44	58.45	54.47	55.50	57.99	57.25	57.33	56.89	56.75	56.98
15	58.84	59.26	58.34	58.44	54.47	57.09	57.97	57.24	57.31	56.75	56.75	56.78
20	58.70	58.43	58.43	58.71	56.20	57.13	57.93	57.27	56.73	56.67	55.48	56.69
25	58.45	58.44	58.36	59.35	54.38	57.27	57.40	57.22	56.53	57.02	56.62	57.06
Eom	58.64	58.55	58.22	55.80	54.30	57.88	57.68	56.74	56.57	57.06	56.60	55.71

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	55.71	56.68	56.23	56.70	57.50	52.24	55.96	55.31	55.64	55.55	54.33	.....
10	.....	56.76	56.10	56.95	56.00	56.40	55.88	55.62	55.85	55.75	54.57	.....
15	.....	56.52	56.72	57.25	58.00	56.22	55.72	55.35	55.69	55.55	54.32	.....
20	.....	56.23	56.92	57.38	52.90	55.82	55.66	55.69	55.77	55.44	54.19	.....
25	.....	56.33	56.96	57.38	52.92	55.83	55.58	55.78	55.75	55.16	54.06	.....
Eom	56.36	56.18	58.08	57.60	56.31	56.00	55.61	55.91	53.49	54.19	.....	.....

1973												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	54.30	53.95	53.84	55.02	55.13	55.21	53.93	52.41	56.13	.....	57.79	.....
10	54.10	53.91	51.20	55.06	55.21	52.17	53.77	53.70	56.02	.....	57.56	.....
15	53.77	54.08	54.35	54.36	55.07	54.60	54.23	52.29	55.89	.....	57.87	.....
20	53.57	54.02	52.75	54.90	55.31	53.22	55.02	53.75	55.89	.....	58.02	.....
25	53.77	54.18	54.57	54.99	53.63	51.43	52.76	55.93	54.75	.....	59.80	.....
Eom	53.79	.....	54.49	55.10	51.79	52.18	54.10	56.10	54.54	52.83	59.30	.....

1974												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	58.98	53.73	55.13	56.76	55.20	58.80	.....	.....	56.23	.....	59.67	58.00
10	.....	52.63	58.37	55.58	58.93	60.02	.....	.....	58.94	59.16	59.81	.....
15	.....	52.83	59.17	53.33	59.60	59.82	.....	.....	57.80	58.80	56.24	.....
20	.....	56.83	59.10	53.31	59.43	59.20	.....	.....	59.23	59.17	60.33	.....
25	57.83	60.07	50.24	53.18	60.01	.....	.....	.....	59.45	59.00	59.80	.....
Eom	58.42	60.32	50.53	52.26	59.22	.....	.....	.....	59.52	59.14	59.42	.....

Matanuska Valley Area

613630149084301. Local number AK 20,001. City of Palmer. Off Scott Rd. Drilled public-supply artesian well in gravel of Quaternary age, diam 8 in (20 cm), depth 624 ft (190 m), screened 59-624 ft (181-190 m). Lsd 388 ft (118 m) above msl. MP top of hole in plate, 3.00 ft (0.91 m) below lsd. Highest water level 168.08 ft (51.23 m) below lsd, June 25, 1962; lowest 197.22 ft (60.11 m) below lsd, Mar. 31, 1964. Records available: 1959-71. Measurement discontinued. Measurement made soon after pump was shut off. Jan. 25, 1971, 189.42.

613630149084302. Local number AK 20,002. City of Palmer. Scott Rd. near Palmer. Drilled unused artesian well in sand of Quaternary age, diam 8 in (20 cm), depth 159 ft (48 m), screened 139-159 ft (42-48 m). Lsd 388 ft (118 m) above msl. MP top of 1&1/2-in (3.8-cm) vertical pipe in concrete well foundation, 17.25 ft (5.26 m) below lsd. Highest water level 44.77 ft (13.65 m) below lsd, Apr. 27, 1966; lowest 58.50 ft (17.83 m) below lsd, Sept. 12, 1958. Records available: 1957-74. Fluctuations at times caused by nearby pumping.

Date	Water level						
Jan. 25, 1971	49.07	Mar. 26, 1972	49.01	June 25, 1973	48.88	July 25, 1974	48.69
Feb. 23	49.16	Apr. 25	49.35	Aug. 9	49.45	Aug. 27	48.47
Mar. 25	49.24	June 27	49.11	Oct. 2	49.15	Sept. 26	48.46
Apr. 26	49.09	Aug. 28	49.33	Nov. 26	48.63	Oct. 17	48.16
May 24	48.92	Oct. 26	48.80	Jan. 24, 1974	48.76	23	48.14
July 26	49.11	Nov. 27	48.30	May 14	48.56	Nov. 29	48.14
Sept. 27	48.81	Apr. 23, 1973	49.10	23	48.72	Dec. 23	47.95
Jan. 26, 1972	49.02	May 24	50.77	June 28	48.85		

613417149065401. Local number AK 20,004. Glenn Woods. Springer Rd. near Palmer. Drilled unused water-table well in sand and gravel of Pleistocene age, diam 4 in (10 cm), depth 83 ft (25 m), cased to 82 ft (25 m). Lsd 172 ft (52 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 69.58 ft (21.21 m) below lsd, July 29, 1964; lowest 74.29 ft (22.64 m) below lsd, Mar. 28, 1972. Records available: 1949-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25, 1971	72.52	Jan. 26, 1972	72.96	Feb. 23, 1973	72.86	May 14, 1974	72.33
Feb. 23	72.67	Feb. 24	72.80	Mar. 27	73.06	May 23	73.31
Mar. 25	72.99	Mar. 28	74.29	Apr. 23	72.98	June 28	72.47
Apr. 26	73.00	Apr. 25	73.40	May 24	73.07	July 25	71.90
May 24	73.24	June 27	72.24	June 25	72.54	Aug. 27	71.71
June 25	72.52	Aug. 28	71.31	Aug. 9	72.41	Sept. 26	71.97
July 26	71.77	Sept. 25	71.71	Sept. 26	71.20	Oct. 17	72.45
Sept. 27	71.75	Oct. 26	72.20	Nov. 26	72.67	Oct. 23	72.57
Oct. 22	72.21	Nov. 27	73.17	Jan. 24, 1974	72.45	Nov. 25	73.17
Nov. 26	72.90						

McKinley Park Area

614359148545401. Local number AK 50,001. U.S. National Park Service. Mt. McKinley Park Hotel. Drilled unused water-table well in fractured schist of Precambrian age, diam 8 in (20 cm), depth 290 ft (88 m), casing information not available. Lsd 1,753 ft (534 m) above msl. MP top of casing, 2.50 ft (0.76 m) above lsd. Highest water level 92.81 ft (28.29 m) below lsd, July 2, 1968; lowest 107.77 ft (32.85 m) below lsd, May 16, 1974. Records available: 1964-74. At times water level affected by nearby pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 5, 1971	103.84	Sept. 26, 1972	102.00	Sept. 25, 1973	102.41	July 30, 1974	105.41
Aug. 19	100.88	June 9, 1973	105.67	May 16, 1974	107.77	Aug. 31	104.53
July 11, 1972	101.19	July 3	105.30	June 22	107.70	Sept. 22	104.71
Aug. 19	101.22	Aug. 14	103.20				

634355148550501. Local number AK 50,002. U.S. National Park Service. Near Mt. McKinley Park Hotel. Drilled unused water-table well in fractured schist of Precambrian age, diam 8 in (20 cm), depth 234 ft (71 m), casing information not available. Lsd 1,753 ft (534 m) above msl. MP top of casing, 2.50 ft (0.76 m) above lsd. Highest water level 89.26 ft (27.21 m) below lsd, Oct. 3, 1969; lowest 100.60 ft (30.66 m) below lsd, June 22, 1974. Records available: 1965-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 9, 1965	96.47	July 21, 1967	94.63	Oct. 3, 1969	89.26	Sept. 26, 1972	97.93
Aug. 24	95.41	Sept. 22	93.17	May 1, 1970	99.62	June 9, 1973	97.73
Sept. 14	95.49	May 24, 1968	96.03	July 12	95.75	July 3	95.96
Oct. 29	95.37	July 2	93.92	Aug. 21	95.14	Aug. 14	97.15
Nov. 19	95.60	Aug. 21	94.52	June 5, 1971	95.32	Sept. 25	96.92
Dec. 17	96.75	Oct. 2	95.09	Aug. 19	94.87	June 22, 1974	100.60
Feb. 11, 1966	96.82	June 26, 1969	97.84	June 12, 1972	98.15	July 30	98.25
May 25	97.19	July 12	96.77	July 11	96.95	Aug. 31	97.44
July 4	94.51	Aug. 22	96.79	Aug. 19	96.76	Sept. 22	97.38
Oct. 1	95.58						

Susitna Valley Area

621923150063501. Local number AK 20,006. U.S. Geol. Survey. Talkeetna. Augered test water-table well in sand and gravel of Pleistocene age, diam 2 in (5.1 cm), depth 47 ft (14 m), sand point 44-47 ft (13-14 m). Lsd 345 ft (105 m) above msl. MP top of pipe, 2.60 ft (0.79 m) above lsd. Highest water level 3.53 ft (1.08 m) below lsd, Aug. 12, 1971; lowest 9.83 ft (3.00 m) below lsd, Apr. 5, 1969. Records available: 1967-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 12, 1971	3.53	Sept. 30, 1972	7.03	July 4, 1973	6.83	May 16, 1974	8.51
July 6, 1972	7.03	Jan. 11, 1973	8.99	Aug. 16	7.53	Aug. 15	7.75
Aug. 11	7.59	Feb. 14	9.12	Sept. 28	9.00	Sept. 18	8.54

References

- Anderson, G. S., 1971, Ground-water exploration, Beaver Creek Valley near Kenai, Alaska; U.S. Geol. Survey open-file report, 27 p.
- Anderson, G. S., 1972, Aquifer test, Soldotna, Alaska; U.S. Geol. Survey open-file report, 17 p.
- Anderson, G. S., and Jones, S. H., 1971a, Hydrologic data of the Kenai-Soldotna area, Alaska; U.S. Geol. Survey open-file report, 58 p.
- , 1971b, Lake-level fluctuations in the Kenai-Soldotna area, Alaska; U.S. Geol. Survey open-file report, 5 p.
- , 1973, Water resources of the Kenai-Soldotna area, Alaska; U.S. Geol. Survey open-file report, 129 p.
- Barnwell, W. W., George, R. S. and others, 1972, Water for Anchorage; U.S. Geol. Survey open-file report, 76 p.
- Dearborn, L. L. and Freethey, G. W., 1974, Water-table contour map, Anchorage, Alaska; U.S. Geol. Survey open-file report, 1 sheet.
- Feulner, A. J., 1971, Water resources reconnaissance of a part of the Matanuska-Susitna Borough, Alaska; U.S. Geol. Survey Hydrologic Investigations Atlas HA-364.
- Feulner, A. J., Childers, J. M. and Norman, V. W., 1971, Water resources of Alaska; U.S. Geol. Survey open-file report, 60 p.
- Marchen, M. V., 1971a, Reconnaissance of ground-water supplies from bedrock in the Metlakatla Peninsula, Annette Island, Alaska; in U.S. Geol. Survey Research, Prof. Paper 750 D, p 198-201.
- , 1971b, Raised beach deposits and their ground-water potential in the southern part of the Metlakatla Peninsula, Annette Island, Alaska; in U.S. Geol. Survey Research, Prof. Paper 750 D, p 202-205.
- McConaughy, J. A. and Bowman, W. N., 1971, Water resources of the City and Borough of Juneau, Alaska; U.S. Geol. Survey open-file report, 62 p.
- Miller, T. P., Barnes, Ivan and Patton, W. W., Jr., 1973, Geologic setting and chemical characteristics of hot springs in central and western Alaska; U.S. Geol. Survey open-file report, 19 p.
- Sloan, C. E., 1972, Water-resources reconnaissance of Anaktuvuk Pass, Alaska; U.S. Geol. Survey open-file report, 12 p.
- Sloan, C. E. and Bredhehoef, J. D., 1972, Some effects of a heated pipeline on ground-water flow in Alaska; U.S. Geol. Survey open-file report, 25 p.
- Zenone, Chester, 1974, Geology and water resources of the Girdwood-Alyeska area, Alaska; U.S. Geol. Survey open-file report, 24 p.
- Zenone, Chester and Donaldson, D. E., 1974, Water quality and geohydrologic data at two sanitary landfill sites near Anchorage, Alaska; U.S. Geol. Survey open-file report, 1 sheet.
- Zenone, Chester, Schmoll, H. R. and Dobrovolny, Ernest, 1974, Geology and ground water for land-use planning in the Eagle River-Chugiak area, Alaska; U.S. Geol. Survey open-file report 74-57, 25 p.

COLORADO

The observation-well program was continued in 1971-74 in cooperation with the Colorado Department of Natural Resources, Division of Water Resources, Office of the State Engineer, the Colorado Water Conservation Board, and Colorado State University Experiment Station, Civil Engineering Section. During this period measurements were made in 49 wells--one of which was equipped with a recording gage. Water levels in certain areas were measured by personnel of the Experiment Station. Figure 3 shows the location of observation wells included in this report.

Well-Numbering System

Wells are numbered according to their latitude-longitude location, as explained on page 1. Local well numbers are also given.

The local well numbers are in accordance with the Bureau of Land Management's system of land subdivision. The number shows the location of the well by township, range, section, and position within the section. The first letter indicates the quadrant of the base line and principal meridian: A indicates the northeast quadrant, B the northwest quadrant, and C the southwest quadrant. The first numeral indicates the township, the second indicates the range, and the third indicates the section in which the well is located. Lowercase letters following the section number locate the well within the section. The first letter denotes the 160-acre tract, the second letter the 40-acre tract, and the third letter the 10-acre tract. The letters are assigned to the section in a counter-clockwise direction, beginning with (a) in the northeast quarter of the section. Letters are assigned to each 160-acre tract and each 40-acre tract in the same manner. If more than one well occurs in a 10-acre tract, consecutive numbers beginning with 1 are added to the letters.

Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum, unless otherwise indicated.

Adams County

395727104071701. Local number C-1-60-17dec. Carl Sanden. Drilled irrigation water-table well in alluvium, diam 18 in (46 cm), depth 87 ft (27 m), casing information not available. Lsd 4,830.8 ft (1,472.4 m) above msl. MP hole in pumpbase, 1.30 ft (0.40 m) above lsd. Highest water level 25.09 ft (7.65 m) below lsd, Nov. 19, 1942; lowest 46.6 ft (14.2 m) below lsd, Mar. 12, 1973. Records available: 1942-74. Measurements for 1971-74 made by Colorado State University. Mar. 23, 1971, 45.8; Mar. 22, 1972, 46.0; Mar. 12, 1973, 46.6; Mar. 14, 1974, 44.3.

395646104181801. Local number C-1-62-22dac. Charles B. Nordloh. Drilled irrigation water-table well in alluvium, diam 18 in (46 cm), depth 82 ft (25 m). Casing information and lsd not available. MP top of casing, 0.80 ft (0.24 m) below lsd. Highest water level 44.21 ft (13.48 m) below lsd, Nov. 25, 1949; lowest 61.9 ft (18.9 m) below lsd, Mar. 12, 1973. Records available: 1946-52, 1954-67, 1969-74. Measurements for 1971-74 made by Colorado State University. Mar. 23, 1971, 60.8; Mar. 23, 1972, 61.5; Mar. 12, 1973, 61.9; Mar. 14, 1974, 58.5.

395144104372501. Local number C-2-65-23dab. Box Elder Farms. Drilled irrigation water-table well in alluvium, diam 4 ft (1 m), depth 58 ft (18 m), cased to 4 ft (1 m). Lsd not available. MP top of hole in cast-iron cover, 1.30 ft (0.40 m) above lsd. Highest water level 13.79 ft (4.20 m) below lsd, Apr. 21, 1949; lowest 37.2 ft (11.3 m) below lsd, Mar. 24, 1972. Records available: 1933-74. Measurements for 1971-74 made by Colorado State University. Mar. 18, 1971, 35.2; Mar. 24, 1972, 37.2; Mar. 12, 1973, 35.4; Mar. 12, 1974, 32.2.

Alamosa County

372210105555401. Local number A-36-9-13aaa. U.S. Geol. Survey. Jetted observation water-table well in Holocene deposits and Alamosa Formation, undifferentiated, diam 3 in (7.6 cm), depth 10 ft (3 m), casing information not available. Lsd 7,558.1 ft (2,303.7 m) above msl. MP top of casing, 2.30 ft (0.70 m) above lsd. Highest water level 0.07 ft (0.02 m) below lsd, Mar. 5, 1968; lowest 6.17 ft (1.88 m) below lsd, Jan. 6, 1964. Records available: 1949-64, 1966-71, 1973. No measurement made in 1972, 1974. Jan. 4, 1971, 3.93; Dec. 1, 3.39; Feb. 6, 1973, 5.14.

373512106021201. Local number A-39-9-31ccc. U.S. Geol. Survey. Jetted observation water-table well in Holocene deposits and Alamosa Formation, undifferentiated, diam 3 in (7.6 cm), depth 10 ft (3 m), casing information not available. Lsd 7,567.4 ft (2,306.5 m) above msl. MP top of pipe, 1.70 ft (0.52 m) above lsd. Highest water level 1.42 ft (0.43 m) below lsd, June 26, 1962; lowest 5.78 ft (1.76 m) below lsd, Jan. 27, 1969. Records available: 1948-64, 1966-71, 1973. No measurement made in 1972, 1974. Jan. 4, 1971, 4.31; Dec. 8, 4.62; Feb. 1, 1973, 4.55.

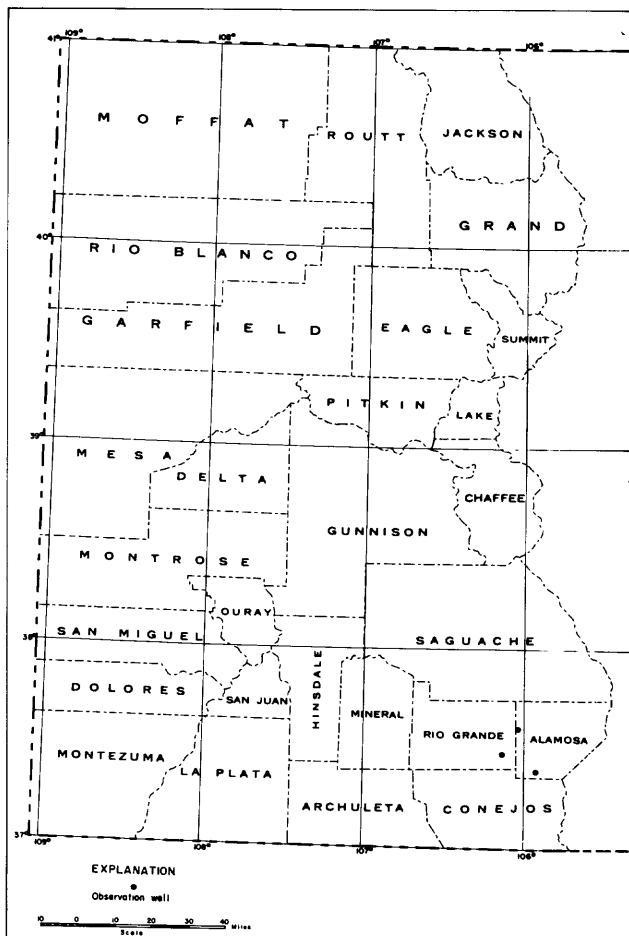
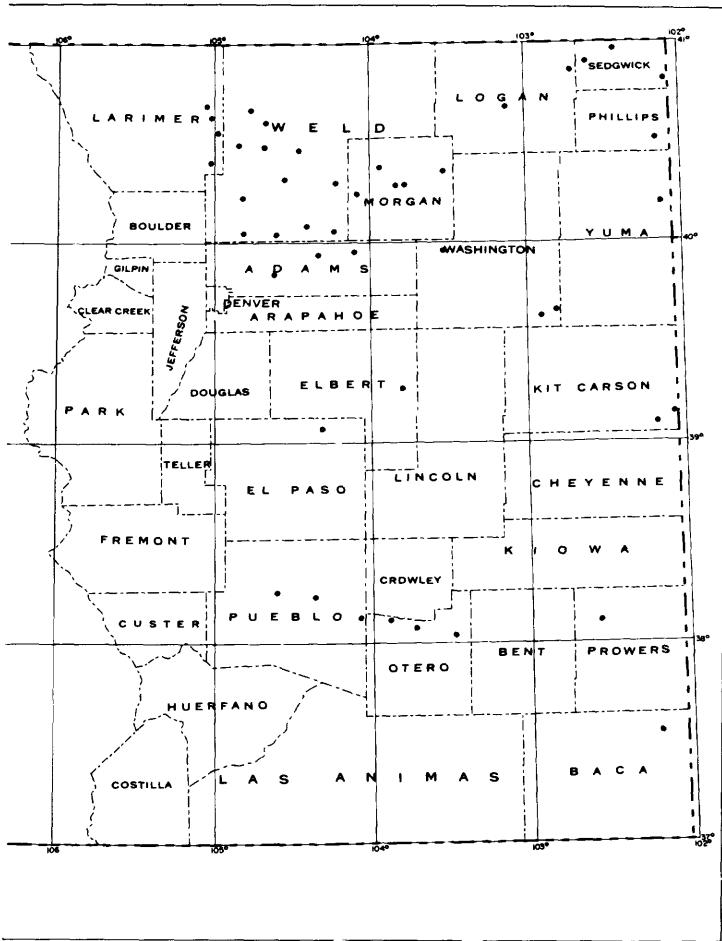


Figure 3.--Location of observation



wells in Colorado, 1971-74.

Baca County

373058102151501. Local number C-29-43-15ccc. James Thompson. Drilled unused artesian well in Cheyenne Sandstone Member of the Purgatoire Formation, diam 12 in (30 cm), depth 343 ft (105 m). Casing information and lsd not available. MP top of casing, 1.40 ft (0.43 m) above lsd. Highest water level 50.66 ft (15.44 m) below lsd, Mar. 13, 1958; lowest 67.00 ft (20.42 m) below lsd, Nov. 11, 1966. Records available: 1955-72, 1974. No measurement made in 1973. Feb. 4, 1971, 55.50; Feb. 9, 1972, 58.42; Mar. 14, 1974, 56.22.

Elbert County

391710103474001. Local number C-9-57-8abb. J. C. Mattson. Drilled unused water-table well in alluvium, diam 6 in (15 cm), depth 28 ft (9 m). Casing information and lsd not available. MP top of casing, 0.20 ft (0.06 m) above lsd. Highest water level 5.00 ft (1.52 m) below lsd, July 2, 1947; lowest 7.78 ft (2.37 m) below lsd, Mar. 14, 1972. Records available: 1945-74. Mar. 17, 1971, 6.98; Mar. 14, 1972, 7.78; Apr. 2, 1973, 5.20; Apr. 24, 1974, 5.70.

El Paso County

390442104185001. Local number C-11-62-22adc. Formerly C-11-62-22ad. Anthony Eurich. Drilled irrigation water-table well in alluvium, diam 24 in (61 cm), depth 44 ft (13 m), perforated 9-44 ft (3-13 m). Lsd 6,364.8 ft (1,940.0 m) above msl. MP top of casing, 0.80 ft (0.24 m) above lsd. Highest water level 5.49 ft (1.67 m) below lsd, Aug. 9, 1947; lowest 8.48 ft (2.58 m) below lsd, July 11, 1952. Records available: 1945-74. Mar. 17, 1971, 6.98; Mar. 14, 1972, 6.96; Apr. 2, 1973, 6.26; Apr. 24, 1974, 6.14.

Kit Carson County

391106102031001. Local number C-10-42-12dcd. Formerly C-10-42-12-ccc. U.S. Government. Drilled observation water-table well in Ogallala Formation, diam 1 $\frac{1}{4}$ in (3.2 cm), depth 273 ft (83 m), casing information not available. Lsd 3,997.7 ft (1,218.5 m) above msl. MP top of casing, 3.30 ft (1.01 m) above lsd. Highest water level 101.67 ft (30.99 m) below lsd, Aug. 12, 1955; lowest 114.93 ft (35.03 m) below lsd, Feb. 22, 1974. Records available: 1955-74. January 1971, 112.10; Jan. 18, 1972, 113.40; Jan. 8, 1973, 111.27; Feb. 22, 1974, 114.93.

390610102111201. Local number C-11-43-12ccc. Formerly C-11-43-12cc. Floyd Powell. Drilled irrigation water-table well in Ogallala Formation, diam 18 in (46 cm), depth 233 ft (71 m), casing information not available. Lsd 4,104.0 ft (1,250.9 m) above msl. MF base of pump, 0.70 ft (0.21 m) above lsd. Highest water level 78.83 ft (24.03 m) below lsd, May 28, 1952; lowest 94.48 ft (28.80 m) below lsd, Feb. 19, 1974. Records available: 1950-74. Jan. 21, 1971, 92.80; Jan. 21, 1972, 92.70; Jan. 10, 1973, 93.91; Feb. 19, 1974, 94.48.

Larimer County

402425105012801. Local number B-5-68-17aab. George Peak. Drilled irrigation water-table well in alluvium, diam 4 ft (1 m), depth 24 ft (7 m). Casing information and lsd not available. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 5.43 ft (1.66 m) below lsd, Oct. 27, 1947; lowest 14.45 ft (4.40 m) below lsd, Apr. 20, 1949. Records available: 1941-69, 1971-74. Measurements for 1971-74 made by Colorado State University. Mar. 15, 1971, 11.3; Mar. 24, 1972, 11.9; Mar. 23, 1973, 11.5; May 3, 1974, 8.2.

403333104584801. Local number B-7-68-23ccb. W. A. Scott. Drilled unused water-table well in alluvium, diam 4 ft (1 m). Depth, casing information, and lsd not available. MP top of casing, 2.70 ft (0.82 m) above lsd. Highest water level 6.10 ft (1.86 m) below lsd, Nov. 6, 1967; lowest 9.50 ft (2.90 m) below lsd, May 2, 1941. Records available: 1941-74. Measurements for 1971-74 made by Colorado State University. Mar. 15, 1971, 6.9; Mar. 21, 1972, 6.7; Mar. 9, 1973, 6.3; Mar. 11, 1974, 6.5.

404108105000301. Local number B-8-69-4ddaa. C. S. Ferris. Drilled unused water-table well in alluvium, diam 16 in (41 cm), depth 36 ft (11 m), casing information not available. Lsd 5,156.5 ft (1,572.0 m) above msl. MP top of cover, 0.70 ft (0.21 m) above lsd. Highest water level 7.40 ft (2.26 m) below lsd, Sept. 28, 1962; lowest 33.50 ft (10.21 m) below lsd, Dec. 21, 1955. Records available: 1954-56, 1958, 1960-73. Flooding filled casing June 1, 1973; measurement discontinued. Measurements made by Colorado State University.

Lowest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	11.20	11.46	11.64	11.64	12.04	12.10	11.77	12.43	11.70	11.78	12.00	12.10
10	11.32	11.46	11.54	11.50	11.50	12.12	11.91	11.89	11.74	12.02	12.14	
15	11.34	11.38	11.70	11.68	11.87	12.10	12.36	11.86	12.10	11.76	12.02	12.17
20	11.35	11.32	11.48	11.56	11.84	12.00	12.38	11.96	11.99	12.08	12.00	12.17
25	11.40	11.34	11.80	12.06	12.00	11.91	11.78	11.94	11.78	11.96	12.05	12.17
Eom	11.42	11.30	11.79	12.12	11.96	11.84	12.19	11.35	11.70	11.95	12.12	12.26

404108105000301--Continued.

1972

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	12.50	12.83	13.05	15.21	15.17	.....	14.68	15.96	14.67	14.50	13.90
10	12.58	12.91	13.29	15.50	14.95	.....	14.76	15.65	14.73	14.38	13.85
15	12.62	12.94	13.70	15.78	14.90	.....	15.23	15.30	14.75	14.26	13.82
20	12.69	13.00	13.99	16.06	14.77	.....	15.82	14.85	14.71	14.16	13.78
25	12.44	12.76	14.49	15.60	14.52	14.55	16.13	14.66	14.67	14.07	13.73	
Eom	12.45	12.79	13.07	14.89	15.16	14.18	14.72	16.14	14.61	14.59	14.03	13.67

1973

5	13.75	13.72	13.79	13.96	14.16	.....	.....	.....	.....	.....	.....
10	13.76	13.66	13.83	14.01	14.19	.....	.....	.....	.....	.....	.....
15	13.72	13.69	13.88	14.04	14.27	.....	.....	.....	.....	.....	.....
20	13.72	13.73	13.88	14.08	14.52	.....	.....	.....	.....	.....	.....
25	13.73	13.72	13.89	14.09	14.67	.....	.....	.....	.....	.....	.....
Eom	13.73	13.73	13.97	14.10	14.71	.....	.....	.....	.....	.....	.....

404517105014101. Local number B-9-68-17baa. Harlan Seaworth. Drilled irrigation water-table well in alluvium, diam 20 in (51 cm), depth 92 ft (28 m). Casing information and lsd not available. MP top of casing, 0.40 ft (0.12 m) above lsd. Highest water level 29.02 ft (8.85 m) below lsd, Apr. 3, 1959; lowest 64.45 ft (19.64 m) below lsd, Nov. 9, 1956. Records available: 1939-74. Measurements for 1971-73 made by Colorado State University. Mar. 15, 1971, 38.0; Mar. 27, 1972, 38.4; Mar. 15, 1973, 41.6; Mar. 13, 1974, 59.4.

Logan County

404035103062801. Local number B-9-51-31bbb. Frank Manuelleo. Drilled irrigation water-table well in alluvium, diam unknown, depth 106 ft (32 m). Casing information and lsd not available. MP hole in pumpbase, 1.00 ft (0.30 m) above lsd. Highest water level 2.89 ft (0.88 m) below lsd, Oct. 6, 1947; lowest 6.64 ft (2.02 m) below lsd, Mar. 13, 1974. Records available: 1947-74. Mar. 30, 1971, 5.30; Nov. 8, 5.20; Mar. 29, 1972, 5.87; Nov. 30, 6.32; Mar. 24, 1973, 4.51; Mar. 13, 1974, 6.64.

405209102481701. Local number B-10-49-2cbc. G. H. Henry. Drilled irrigation water-table well in alluvium, diam 18 in (46 cm), depth 32 ft (10 m). Casing information and lsd not available. MP top of platform, 1.50 ft (0.46 m) above lsd. Highest water level 3.95 ft (1.20 m) below lsd, Apr. 7, 1958; lowest 9.03 ft (2.75 m) below lsd, Nov. 6, 1964. Records available: 1947-74. Mar. 25, 1971, 5.65; Nov. 3, 5.87; Mar. 27, 1972, 5.84; Nov. 20, 5.84; Mar. 20, 1973, 5.84; Mar. 14, 1974, 5.38.

Morgan County

401452103480201. Local number B-3-57-6dcc. City of Fort Morgan. Dug and drilled unused water-table well in alluvium, diam 12 in (30 cm), depth 180 ft (55 m), casing information not available. Lsd 4,325.6 ft (1,318.4 m) above msl. MP top of basement floor, 5.00 ft (1.52 m) below lsd. Highest water level 39.88 ft (12.16 m) below lsd, Jan. 20, 21, 1955; lowest 56.76 ft (17.30 m) below lsd, Sept. 5, 1965. Records available: 1940-73. No measurement made in 1974. Mar. 22, 1971, 50.89; Nov. 3, 51.74; Mar. 20, 1972, 51.20; Nov. 16, 55.85; Mar. 20, 1973, 52.84.

401358103504501. Local number B-3-58-11bc. Formerly B-3-58-11bc. Alex Stark. Drilled irrigation water-table well in alluvium, diam 16 in (41 cm), depth 145 ft (44 m), casing information not available. Lsd 4,366.2 ft (1,330.8 m) above msl. MP top of casing, 0.80 ft (0.24 m) above lsd. Highest water level 51.85 ft (15.80 m) below lsd, Nov. 19, 1942; lowest 69.87 ft (21.30 m) below lsd, Nov. 5, 1964. Records available: 1939-65, 1967, 1970-73. No measurement made in 1974. Mar. 22, 1971, 60.62; Nov. 11, 63.35; Mar. 20, 1972, 60.88; Nov. 15, 63.81; Mar. 19, 1973, 64.77.

401214104053401. Local number B-3-60-22cc. B. A. Holden. Drilled irrigation water-table well in alluvium, diam 24 in (61 cm), depth 120 ft (37 m), casing information not available. Lsd 4,568.4 ft (1,392.5 m) above msl. MP top of vent pipe, 0.20 ft (0.06 m) above lsd. Highest water level 49.44 ft (15.07 m) below lsd, Apr. 11, 1938; lowest 84.6 ft (25.8 m) below lsd, Mar. 22, 1973. Records available: 1936-73. No measurement made in 1974. Measurements for 1971-73 made by Colorado State University. Mar. 24, 1971, 81.8; Mar. 23, 1972, 83.4; Mar. 22, 1973, 84.6; May 2, 1974 (well being pumped).

401915103321101. Local number B-4-55-9dcc. Rudolph & Schooley. Drilled irrigation water-table well in alluvium, diam 14 in (36 cm), depth 88 ft (27 m), casing information not available. Lsd 4,175.2 ft (1,272.6 m) above msl. MP top of concrete curb, 2.00 ft (0.61 m) above lsd. Highest water level 14.75 ft (4.50 m) below lsd, Oct. 19, 1949; lowest 25.76 ft (7.85 m) below lsd, Mar. 11, 1969. Records available: 1930, 1932-72, 1974. No measurement made in 1973. Mar. 24, 1971, 19.22; Nov. 2, 20.19; Mar. 22, 1972, 20.23; Nov. 22, 20.46; Mar. 14, 1974, 19.14.

402100103580101. Local number B-5-59-34cad. G. Williams. Dug domestic and stock water-table well in alluvium, diam 36 in (91 cm), depth 20 ft (6 m). Casing information and lsd not available. MP top of wooden platform, 2.20 ft (0.67 m) above lsd. Highest water level 7.16 ft (2.18 m) below lsd, Sept. 9, 1948; lowest 16.43 ft (5.01 m) below lsd, Apr. 7, 1956. Records available: 1947-74. Mar. 22, 1971, 15.24; Nov. 9, 11.93; Mar. 22, 1972, 15.00; Nov. 15, 11.74; Mar. 20, 1973, 14.48; Mar. 12, 1974, 15.17.

Otero County

380704103534401. Local number C-22-58-2ldaa. C. Meyer. Drilled irrigation water-table well in alluvium, diam 24 in (61 cm), depth 56 ft (17 m). Casing information and lsd not available. MP bottom edge of cut in pump housing, 1.90 ft (0.58 m) above lsd. Highest water level 25.54 ft (7.78 m) below lsd, Mar. 28, 1955; lowest 36.58 ft (11.15 m) below lsd, Nov. 11, 1964. Records available: 1928-31, 1933-74. Mar. 10, 1971, 31.36; Mar. 6, 1972, 32.18; Feb. 27, 1973, 32.28; Mar. 12, 1974, 31.08.

380025103311201. Local number C-23-55-3bdb2. Ken Finkner. Formerly C-23-55-3bdb2. Drilled irrigation water-table well in alluvium, diam 18 in (46 cm), depth 40 ft (12 m). Casing information and lsd not available. MP top of casing, 0.30 ft (0.09 m) above lsd. Highest water level 15.59 ft (4.75 m) below lsd, Mar. 24, 1966; lowest 25.04 ft (7.63 m) below lsd, Nov. 11, 1964. Records available: 1951-74. Feb. 26, 1971, 17.34; Nov. 1, 17.80; Feb. 23, 1972, 16.70; Mar. 1, 1973, 18.47; Mar. 12, 1974, 16.86.

380336103435301. Local number C-23-57-12dad. American Crystal Sugar Co. Drilled irrigation water-table well in alluvium, diam 18 in (46 cm), depth 27 ft (8 m). Casing information and lsd not available. MP top of casing, 2.00 ft (0.61 m) above lsd. Highest water level 8.87 ft (2.70 m) below lsd, Dec. 4, 1946; lowest 15.78 ft (4.81 m) below lsd, Nov. 27, 1956. Records available: 1944-74. Mar. 9, 1971, 12.27; Mar. 8, 1972, 10.86; Mar. 1, 1973, 11.94; Mar. 15, 1974, 11.94.

Phillips County

403206102070601. Local number B-7-43-35abb. Harold Gerhardt. Drilled irrigation water-table well in Ogallala Formation, diam 18 in (46 cm), depth 200 ft (61 m), casing information not available. Lsd 3,598.8 ft (1,096.9 m) above ms1. MP hole in pumpbase, 0.70 ft (0.21 m) above lsd. Highest water level 37.27 ft (11.36 m) below lsd, Mar. 27, 1963; lowest 46.06 ft (14.04 m) below lsd, Feb. 20, 1974. Records available: 1950-71, 1973-74. No measurement made in 1972. Dec. 17, 1971, 43.30; Jan. 12, 1973, 45.30; Feb. 20, 1974, 46.06.

Frowers County

38053210231-501. Local number C-22-45-3lcbb. U.S. Geol. Survey. Driven observation water-table well in alluvium, diam 1 $\frac{1}{2}$ in (3.2 cm), depth 11 ft (3 m), well point 9-11 ft (2.7-3.4 m). Lsd not available. MP top of casing, 3.50 ft (1.07 m) above lsd. Highest water level 0.10 ft (0.03 m) below lsd, Aug. 24, Sept. 20, 1967; lowest 6.00 ft (1.83 m) below lsd, May 3, 1965. Records available: 1955-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 9, 1971	4.54	Nov. 23, 1971	1.62	Sept. 14, 1972	2.66	Sept. 19, 1973	3.29
May 25	5.07	Mar. 10, 1972	3.55	Dec. 20	3.84	Nov. 19	3.84
July 13	4.59	May 11	2.74	May 15, 1973	3.86	Mar. 12, 1974	4.04
Sept. 29	3.15	July 13	3.53	July 2	1.61	June 12	1.74

Pueblo County

381340104205601. Local number C-21-62-9ccc. Susie C. Potestio. Drilled irrigation water-table well in alluvium, diam 15 in (38 cm), depth 28 ft (9 m). Casing information and lsd not available. MP bottom of pumpbase, 1.10 ft (0.34 m) above lsd. Highest water level 13.90 ft (4.24 m) below lsd, Nov. 16, 1965; lowest 20.28 ft (6.18 m) below lsd, Nov. 11, 1964. Records available: 1929, 1934-73. No measurement made in 1974. Mar. 10, 1971, 15.42; Feb. 28, 1972, 16.79; Mar. 1, 1973, 19.07.

381443104320701. Local number C-21-64-3dac. Joseph Thomas. Drilled irrigation water-table well in alluvium, diam 15 in (38 cm), depth 35 ft (11 m). Casing information and lsd not available. MP top of wooden cover, 2.10 ft (0.64 m) above lsd. Highest water level 12.20 ft (3.72 m) below lsd, Nov. 11, 1942; lowest 23.50 ft (7.16 m) below lsd, Mar. 13, 1974. Records available: 1934-71, 1973-74. No measurement made in 1972. Mar. 8, 1971, 20.37; Mar. 2, 1973, 21.94; Mar. 13, 1974, 23.50.

380818104043301. Local number C-22-60-13bbc. C. J. Sindig. Drilled irrigation water-table well in alluvium, diam 4 ft (1 m), depth 39 ft (12 m). Casing information and lsd not available. MP top of concrete floor, 1.00 ft (0.30 m) above lsd. Highest water level 28.70 ft (8.75 m) below lsd, Nov. 29, 1969; lowest 36.16 ft (11.02 m) below lsd, Nov. 28, 1956. Records available: 1952-70, 1972-74. No measurement made in 1971. Feb. 28, 1972, 29.20; Feb. 28, 1973, 31.09; Mar. 13, 1974, 30.25.

Rio Grande County

372942106083601. Local number A-37-7-1aaa. U.S. Geol. Survey. Jetted observation water-table well in Holocene deposits and Alamosa Formation, undifferentiated, diam 1 $\frac{1}{2}$ in (3.2 cm), depth 8 ft (2 m), casing information not available. Lsd 7,653.3 ft (3,332.7 m) above ms1. MP top of pipe, 0.60 ft (0.18 m) above lsd. Highest water level 0.00, Oct. 1, 1970; lowest dry, Apr. 1, 1964. Records available: 1949-64, 1966-71. No measurement made in 1972-74. Jan. 5, 1971, 3.47; Nov. 29, 3.34.

Sedgwick County

404738102030501. Local number B-10-42-32ddd. U.S. Geol. Survey. Drilled observation water-table well in Ogallala Formation, diam 1 $\frac{1}{4}$ in (3.2 cm), depth 207 ft (63 m), perforated 180-207 ft (55-63 m). Lsd 3,609.2 ft (1,100.1 m) above msl. MP top of casing, 2.80 ft (0.85 m) above lsd. Highest water level 176.34 ft (53.75 m) below lsd, Jan. 16, 1969; lowest 180.83 ft (55.12 m) below lsd, Aug. 27, 1952. Records available: 1952-71, 1973-74. No measurement made in 1972. Dec. 16, 1971, 176.60; Jan. 9, 1973, 176.95; Feb. 11, 1974, 176.60.

405805102235101. Local number B-11-45-5ab. F. J. Hilderman. Drilled irrigation water-table well in alluvium, diam 18 in (46 cm), depth 52 ft (16 m). Casing information and lsd not available. MP hole in west side of pumpbase, 0.50 ft (0.15 m) above lsd. Highest water level 11.23 ft (3.42 m) below lsd, Oct. 7, 1949; lowest 20.18 ft (6.15 m) below lsd, Mar. 14, 1969. Records available: 1947-74, Mar. 23, 1971, 17.52; Nov. 2, 18.66; Mar. 22, 1972, 18.26; Nov. 9, 18.53; Mar. 20, 1973, 17.62; Mar. 12, 1974, 17.82.

405435102364301. Local number B-11-47-28bbb. James Jankovsky. Drilled irrigation water-table well in alluvium, diam 24 in (61 cm), depth 52 ft (16 m). Casing information and lsd not available. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 2.51 ft (0.77 m) below lsd, June 24, 1948; lowest 5.61 ft (1.71 m) below lsd, Oct. 17, 1954. Records available: 1948-74. Mar. 24, 1971, 3.97; Nov. 3, 4.50; Mar. 23, 1972, 4.36; Nov. 10, 3.86; Mar. 21, 1973, 3.55; Mar. 13, 1974, 3.16.

Washington County

395706103325901. Local number C-1-55-21bcd. A. Blake. Drilled irrigation water-table well in alluvium, diam 18 in (46 cm), depth 41 ft (13 m), casing information not available. Lsd 4,487.3 ft (1,367.7 m), previously reported 4,887.3 ft (1,489.7 m), above msl. MP top of casing, 1.50 ft (0.46 m) above lsd. Highest water level 11.8 ft (3.6 m) below lsd, Mar. 13, 1973; lowest 16.95 ft (5.17 m) below lsd, Oct. 29, 1960. Records available: 1947-67, 1970-73. No measurement made in 1974. Measurements for 1971-73 made by Colorado State University. Mar. 24, 1971, 12.5; Mar. 23, 1972, 12.9; Mar. 13, 1973, 11.8.

394048102480601. Local number C-4-49-25add. Formerly C-4-49-25ad. Cecil Williams. Drilled unused water-table well in alluvium, diam 18 in (46 cm), depth 17 ft (5 m). Casing information and lsd not available. MP top of casing, 0.20 ft (0.06 m) above lsd. Highest water level 7.42 ft (2.26 m) below lsd, Aug. 6, 1953; lowest 14.50 ft (4.42 m) below lsd, Jan. 1, 1971. Records available: 1950-69, 1971-72. No measurement made in 1973-74. Jan. 1, 1971, 14.50; Jan. 25, 1972, 13.90.

393915102563001. Local number C-5-50-2aab. Lloyd McIrwin. Drilled irrigation water-table well in alluvium, diam 24 in (61 cm), depth 54 ft (16 m), casing information not available. Lsd 4,514.6 ft (1,376.1 m) above msl. MP top of casing, 2.00 ft (0.6 m) above lsd. Highest water level 16.44 ft (5.01 m) below lsd, Nov. 8, 1962; lowest 22.65 ft (6.90 m) below lsd, July 23, 1954. Records available: 1950-67, 1969-74. Jan. 1, 1971, 20.50; Jan. 25, 1972, 20.20; Jan. 20, 1973, 20.35; Feb. 22, 1974, 19.12.

Weld County

400306104154701. Local number B-1-62-13add. C. M. Roark. Drilled irrigation water-table well in alluvium, diam 18 in (46 cm), depth 76 ft (23 m). Casing information and lsd not available. MP hole in pumpbase, 3.00 ft (0.91 m) above lsd. Highest water level 18.29 ft (5.57 m) below lsd, Oct. 16, 1952; lowest 47.7 ft (14.5 m) below lsd, Mar. 23, 1972. Records available: 1947-72, 1974. No measurement made in 1973. Measurements for 1971-72, 1974 made by Colorado State University. Mar. 18, 1971, 47.2; Mar. 23, 1972, 47.7; Mar. 14, 1974, 45.3.

400427104244801. Local number B-1-63-2ccc. D. Trupp. Drilled unused water-table well in alluvium, diam 20 in (51 cm), depth 96 ft (29 m). Casing information and lsd not available. MP top of casing, 0.30 ft (0.09 m) above lsd. Highest water level 51.70 ft (15.76 m) below lsd, May 1, 1950; lowest 75.90 ft (23.13 m) below lsd, Nov. 13, 1959. Records available: 1944-56, 1958-74. Measurements for 1971-74 made by Colorado State University. Mar. 18, 1971, 65.7; Apr. 3, 1972, 64.4; Mar. 22, 1973, 64.3; May 3, 1974, 59.0.

400055104370301. Local number B-1-65-25cccd. Fred Haffner, Sr. Drilled irrigation water-table well in alluvium, diam 24 in (61 cm), depth 69 ft (21 m). Casing information and lsd not available. MP bottom of pumpbase, 0.60 ft (0.18 m) above lsd. Highest water level 30.29 ft (9.23 m) below lsd, Apr. 12, 1950; lowest 43.19 ft (13.16 m) below lsd, Nov. 25, 1964. Records available: 1940-74. Measurements for 1971-74 made by Colorado State University. Mar. 17, 1971, 39.9; Mar. 21, 1972, 41.2; Mar. 9, 1973, 41.8; Mar. 12, 1974, 39.3.

400127104483801. Local number B-1-66-30ada. G. J. Mancini. Dug irrigation water-table well in alluvium, diam 8 ft (2 m), depth 31 ft (9 m). Casing information and lsd not available. MP top of plank cover, 1.15 ft (0.35 m) above lsd. Highest water level 10.29 ft (3.14 m) below lsd, Oct. 12, 1933; lowest 20.64 ft (6.29 m) below lsd, Mar. 23, 1972. Records available: 1929-74. Mar. 23, 1971, 19.81; Nov. 2, 17.06; Mar. 23, 1972, 20.64; Nov. 24, 18.56; Mar. 22, 1973, 20.23; Mar. 14, 1974, 19.73.

401316104492601 (revised). Local number B-3-66-18cbc. Formerly B-3-66-18cac. William Boulter. Drilled irrigation water-table well in alluvium, diam 18 in (46 cm), depth 30 ft (9 m). Casing information and lsd not available. MP top of pumpbase, 0.80 ft (0.24 m) above lsd. Highest water level 10.71 ft (3.26 m) below lsd, Oct. 27, 1947; lowest 20.84 ft (6.35 m) below lsd, May 6, 1957. Records available: 1947-74. Mar. 24, 1971, 19.04; Nov. 9, 16.92; Mar. 20, 1972, 18.33; Mar. 20, 1973, 19.56; Mar. 9, 1974, 18.53.

401724104132901. Local number B-4-61-28bbb. K. Mori. Drilled irrigation water-table well in alluvium, diam 18 in (46 cm), depth 100 ft (30 m). Casing information and lsd not available. MP vent in pumpbase, 0.80 ft (0.24 m) above lsd. Highest water level 21.60 ft (6.58 m) below lsd, Oct. 9, 1947; lowest 34.28 ft (10.45 m) below lsd, Apr. 20, 1961. Records available: 1947-74; Mar. 29, 1971, 33.51; Nov. 11, 29.23; Mar. 21, 1972, 33.98; Nov. 17, 27.70; Mar. 21, 1973, 33.13; Mar. 13, 1974, 33.45.

401911041313701. Local number B-4-64-10ddd. T. E. Dwyer. Drilled irrigation water-table well in alluvium, diam 24 in (61 cm), depth 60 ft (18 m). Casing information and lsd not available. MP top of casing, 0.60 ft (0.18 m) above lsd. Highest water level 6.43 ft (1.96 m) below lsd, Nov. 9, 1949; lowest 23.64 ft (7.21 m) below lsd, Nov. 13, 1956. Records available: 1940-74; Mar. 30, 1971, 12.31; Nov. 6, 13.20; Mar. 22, 1972, 12.24; Nov. 17, 13.26; Mar. 21, 1973, 11.85; Mar. 11, 1974, 10.06.

402721104274001. Local number B-6-63-29bbb. H. L. Wells. Drilled irrigation water-table well in alluvium, diam 4 ft (1 m), depth 37 ft (11 m). Casing information and lsd not available. MP top of casing, 1.80 ft (0.55 m) above lsd. Highest water level 7.19 ft (2.19 m) below lsd, Aug. 11, 1932; lowest 22.85 ft (6.96 m) below lsd, Nov. 12, 1956. Records available: 1932-74. Measurements for 1971-74 made by Colorado State University. Mar. 17, 1971, 8.5; Mar. 20, 1972, 8.4; Mar. 9, 1973, 9.5; Mar. 11, 1974, 10.2.

402930104414301. Local number B-6-65-17bbc. H. W. Farr. Drilled irrigation water-table well in alluvium, diam 18 in (46 cm), depth 65 ft (20 m). Casing information and lsd not available. MP top of pumpbase, 0.80 ft (0.24 m) above lsd. Highest water level 21.22 ft (6.47 m) below lsd, Aug. 1, 1932; lowest 41.36 ft (12.61 m) below lsd, Nov. 12, 1956. Records available: 1932-74. Measurements for 1971-74 made by Colorado State University. Mar. 17, 1971, 23.5; Mar. 21, 1972, 25.1; Mar. 9, 1973, 25.1; Mar. 11, 1974, 23.6.

403032104510201. Local number B-6-67-12bbb. Fred Felte. Drilled irrigation water-table well in alluvium, diam 24 in (61 cm), depth 22 ft (7 m). Casing information and lsd not available. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 5.45 ft (1.66 m) below lsd, Mar. 21, 1962; lowest 13.30 ft (4.05 m) below lsd, Nov. 12, 1956. Records available: 1941-74. Measurements for 1971-74 made by Colorado State University. Mar. 17, 1971, 9.2; Mar. 21, 1972, 10.9; Mar. 9, 1973, 9.0; Mar. 11, 1974, 10.1.

403454104403601. Local number B-7-65-16bbb. K. Akahoshi. Drilled irrigation water-table well in alluvium, diam 4 ft (1 m), depth 18 ft (5 m), casing information not available. Lsd 4,875.1 ft (1,485.9 m) above msl. MP top of casing, 2.70 ft (0.82 m) above lsd. Highest water level 4.09 ft (1.25 m) below lsd, Oct. 28, 1959; lowest 7.42 ft (2.26 m) below lsd, Apr. 29, 1946. Records available: 1942-48, 1950-74. Measurements for 1971-74 made by Colorado State University. Mar. 16, 1971, 5.0; Mar. 20, 1972, 5.2; Mar. 8, 1973, 5.1; Mar. 11, 1974, 5.1.

403914104451801. Local number B-8-66-22aaa. Troy Jones. Dug irrigation water-table well in alluvium, diam 12 ft (4 m), depth 31 ft (9 m). Casing information and lsd not available. MP top of curb, 2.10 ft (0.64 m) above lsd. Highest water level 16.20 ft (4.94 m) below lsd, Jan. 8, 1947; lowest 22.68 ft (6.91 m) below lsd, Nov. 22, 1954. Records available: 1929-74. Measurements for 1971-74 made by Colorado State University. Mar. 16, 1971, 20.8; Mar. 20, 1972, 19.7; Mar. 8, 1973, 18.9; Mar. 11, 1974, 21.3.

Yuma County

401059102064201. Local number B-3-42-31bdd. U.S. Geol. Survey. Drilled observation water-table well in Ogallala Formation, diam 1 $\frac{1}{2}$ in (3.2 cm), depth 92 ft (28 m), casing information not available. Lsd 3,613.8 ft (1,101.5 m) above msl. MP top of pipe, 0.50 ft (0.15 m) above lsd. Highest water level 21.25 ft (6.48 m) below lsd, Aug. 14, 1952; lowest 36.50 ft (11.13 m) below lsd, Jan. 10, 1973. Records available: 1952-71, 1973-74. No measurement made in 1972. Dec. 27, 1971, 34.80; Jan. 10, 1973, 36.50; Feb. 18, 1974, 35.69.

References

- Bingham, D. L., and Klein, J. M., 1974, Water-level decline, spring 1964 to spring 1974, upper Black Squirrel Creek basin, Colorado: U.S. Geol. Survey open-file report, 1 sheet.
- Boettcher, A. J., Hofstra, W. E., and Major, T. J., 1969, Water-level records for the northern High Plains of Colorado: Colorado Water Conserv. Board Ground-Water Basic-Data Release 20, 189 p.
- Boettcher, A. J., and Major, T. J., 1969, Water-level changes, 1964-68, northern High Plains of Colorado: U.S. Geol. Survey open-file report, 4 p.
- Emery, P. A., Snipes, R. J., and Dumeyer, J. M., 1972, Hydrologic data for the San Luis Valley, Colorado: Colorado Water Conserv. Board Ground-Water Basic-Data Release 22, 164 p.
- Pickey, J. F., Weeks, J. B., and Welder, F. A., compilers, 1974, Hydrologic data from the Piceance Basin, Colorado: Colorado Water Conserv. Board Water-Resources Basic-Data Release 31, 246 p.
- Hershey, L. A., and Hampton, E. R., 1974, Geohydrology of Baca and southern Prowers Counties, southeastern Colorado: U.S. Geol. Survey Water-Resources Inv. 16-74, 1 sheet.
- Hershey, L. A., and Major, T. J., 1973, Water-level records, 1969-73, and hydrogeologic data from Baca and southern Prowers Counties, Colorado: Colorado Water Conserv. Board Water-Resources Basic-Data Release 32, 17 p.
- Hofstra, W. E., and Hall, D. C., 1975, Hydrogeologic and water-quality data in western Jefferson County, Colorado: Colorado Water Conserv. Board Water-Resources Basic-Data Release 36, 52 p.
- Hofstra, W. E., Klein, J. M., and Major, T. J., 1971, Water-level changes 1964-71, northern High Plains of Colorado: U.S. Geol. Survey open-file report, 10 p.
- Hofstra, W. E., and Luckey, R. R., 1972, Water-level records for the northern High Plains of Colorado, 1968-72: Colorado Water Conserv. Board Water-Resources Basic-Data Release 24, 143 p.
- , 1973, Water-level records, 1969-73, and hydrogeologic data for the northern High Plains of Colorado: Colorado Water Conserv. Board Water-Resources Basic-Data Release 28, 52 p.
- Hofstra, W. E., and Major, T. J., 1974, Water-level records for the northern High Plains of Colorado, 1970-74: Colorado Water Conserv. Board Water-Resources Basic-Data Release 33, 36 p.
- Hofstra, W. E., Major, T. J., and Luckey, R. R., 1972, Hydrogeologic data for the northern High Plains of Colorado: Colorado Water Conserv. Board Water-Resources Basic-Data Release 23, 143 p.

References--Continued.

- Hurr, R. T., and Luckey, R. R., 1972, Ground-water levels in the South Platte River valley of Colorado, 1968-72: Colorado Water Conserv. Board Water-Resources Basic-Data Release 26, 33 p.
_____, 1973, Ground-water levels in the South Platte River valley of Colorado, spring 1973: Colorado Water Conserv. Board Water-Resources Basic-Data Release 30, 33 p.
Hurr, R. T., Schneider, P. A., Jr., and others, 1972a, Hydrogeologic characteristics of the valley-fill aquifer in the Brighton reach of the South Platte River valley, Colorado: U.S. Geol. Survey open-file report, 7 sheets [1973].
_____, 1972b, Hydrogeologic characteristics of the valley-fill aquifer in the Brush reach of the South Platte River valley, Colorado: U.S. Geol. Survey open-file report, 7 sheets [1973].
_____, 1972c, Hydrogeologic characteristics of the valley-fill aquifer in the Greeley reach of the South Platte River valley, Colorado: U.S. Geol. Survey open-file report, 7 sheets [1973].
_____, 1972d, Hydrogeologic characteristics of the valley-fill aquifer in the Julesburg reach of the South Platte River valley, Colorado: U.S. Geol. Survey open-file report, 7 sheets [1973].
_____, 1972e, Hydrogeologic characteristics of the valley-fill aquifer in the Sterling reach of the South Platte River valley, Colorado: U.S. Geol. Survey open-file report, 7 sheets [1973].
_____, 1972f, Hydrogeologic characteristics of the valley-fill aquifer in the Weldona reach of the South Platte River valley, Colorado: U.S. Geol. Survey open-file report, 7 sheets [1973].
Hurr, R. T., Wilson, W. W., Welder, F. A., and Emerson, R. L., 1969, Records of selected wells and springs in the Rulison Project area, Garfield and Mesa Counties, Colorado: U.S. Geol. Survey open-file report Rulison-2, 17 p.
Major, T. J., Hurr, R. T., and Moore, J. E., 1970, Hydrogeologic data for the lower Arkansas River valley, Colorado: Colorado Water Conserv. Board Ground-Water Basic-Data Release 21, 125 p.
Major, T. J., Kerbs, Lynda, and Penley, R. D., compilers, 1974, Selected water-level records for Colorado, 1970-74: Colorado Water Conserv. Board Water-Resources Basic-Data Release 34, 104 p.
_____, 1975, Water-level records for Colorado, 1971-75: Colorado Water Conserv. Board Water-Resources Basic-Data Release 37, 356 p.
Romero, J. C., and Hampton, E. R., 1972, Map showing the approximate configuration and depth to the top of the Laramie-Fox Hills aquifer, Denver Basin, Colorado: U.S. Geol. Survey Misc. Inv. Map 1-791.
Taylor, O. J., and Luckey, R. R., 1973, Ground-water levels in the lower Arkansas River valley of Colorado, 1969-73: Colorado Water Conserv. Board Water-Resources Basic-Data Release 29, 28 p.
U.S. Geological Survey, 1972, Ground-water levels in the lower Arkansas River valley of Colorado, 1968-72: Colorado Water Conserv. Board Water-Resources Basic-Data Release 25, 28 p.
Weeks, J. B., and Welder, F. A., compilers, 1974, Hydrologic and geophysical data from the Piceance basin, Colorado: Colorado Water Conserv. Board Water-Resources Basic-Data Release 35, 121 p.
Welder, F. A., and Hurr, R. T., 1971, Appraisal of shallow ground-water resources, Pueblo Army Depot, Colorado: U.S. Geol. Survey open-file report, 44 p.

IDAHO

The observation-well program in Idaho, which was initiated in 1946, was continued with modifications through the period 1971-74. This program is carried out in cooperation with the Idaho Department of Water Resources (formerly Idaho Department of Water Administration), the U.S. Energy Research and Development Administration (formerly U.S. Atomic Energy Commission), the U.S. Bureau of Reclamation, and Water District 01 (formerly Water District 36). Figure 4 shows the location of observation wells listed in this report.

Well-Numbering System

Wells are numbered according to their latitude-longitude location, as explained on page 1. Local well numbers are also given.

The local well-numbering system used by the Geological Survey in Idaho indicates the location of wells within the official rectangular subdivisions of the public lands, with reference to the Boise base line and meridian. The first segment of a well number indicates the township, the second the range, and the third the section in which the well is situated. The lowercase letters following the section number indicate the well location within the section: The first letter denotes the 160-acre tract, the second the 40-acre tract, and the third the 10-acre tract in which the well occurs. The letters are assigned in a counter-clockwise direction, beginning in the northeast quarter. Thus well 78-17E-6acal is in the NE^{1/4}SW^{1/4}NE^{1/4} sec. 6, T. 7 S., R. 17 E. The last numeral of the well number is the serial number of the well within the 10-acre tract.

Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum, unless otherwise indicated. When some measurements in a table are above and other below the plane of reference, a plus (+) or minus (-) sign is placed immediately before the first entry in each column. Measurements between plus signs are above the plane of reference, and those between minus signs are below the plane of reference.

Ada County

432826116211301. Local number 2N-1E-32aa1. Emmett Holt. Drilled unused water-table well in sand and gravel of Quaternary age (previously reported Snake River Group); diam 4 in (10 cm), previously reported 6 in (15 cm); depth 208 ft (63 m); cased to 208 ft (63 m). Lsd about 2,750 ft (838 m), previously reported 2,755 ft (840 m), above msl datum of 1929. MP top of 4-in (10-cm) casing, north side, 0.80 ft (0.24 m) above lsd. Highest water level 50.19 ft (15.30 m) below lsd, Aug. 29, 1960; lowest 66.20 ft (20.18 m) below lsd, Apr. 27, 1962. Records available: 1953, 1955-71. Measurement discontinued. Jan. 19, 1971, 58.35; Mar. 17, 60.86.

433502116135201. Local number 3N-2E-21bc1. Boise Project Board of Control. Drilled unused (previously reported observation) water-table well in sand and gravel of Tertiary age (previously reported Pliocene age), diam 14 in (36 cm), depth 58 ft (18 m), perforated, interval not available. Lsd 2,751.09 ft (838.53 m) above msl datum of 1929 (preliminary 1935 unadjusted). MP top of casing, below lsd, June 4, 1974. Records available: 1947-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22, 1971	9.62	Nov. 18, 1971	8.25	Nov. 20, 1972	9.17	Nov. 30, 1973	9.85
Mar. 18	11.94	Jan. 4, 1972	9.88	Jan. 18, 1973	11.20	Jan. 31, 1974	11.93
Apr. 27	12.99	Mar. 17	12.38	Mar. 29	13.92	Feb. 25	12.82
May 11	11.89	May 19	12.46	May 22	13.66	June 4	13.96
June 24	8.51	July 26	8.08	July 13	10.19	July 9	12.12
July 15	7.33	Sept. 22	6.60	Oct. 5	6.98	Sept. 9	9.17
Sept. 20	6.13						

434048116235101. Local number 4N-1W-13dd1. Idaho State Prison. Formerly State of Idaho Penitentiary. Drilled irrigation artesian well in Glenns Ferry Formation (previously reported sand of Idaho Group), diam 3 in (7.6 cm), depth 130 ft (40 m), casing depth not available. Lsd 2,524.96 ft (769.61 m) above msl datum of 1929. MP top of 3-in (7.6-cm) casing, 1.30 ft (0.40 m) above lsd. Highest water level 10.72 ft (3.27 m) above lsd, Oct. 22, 1952; lowest 5.10 ft (1.55 m) above lsd, Sept. 28, 1951. Records available: 1950-74.

Jan. 21, 1971	+9.35	Mar. 16, 1972	+8.90	May 22, 1973	+8.12	Apr. 22, 1974	+8.52
Mar. 19	8.95	May 12	8.70	July 9	8.92	June	7.72
May 11	8.81	July 26	9.41	Sept. 6	9.82	July 29	8.53
July 15	8.75	Sept. 22	10.21	Nov. 30	9.12	Sept. 26	9.33
Sept. 16	9.47	Nov. 21	9.31	Jan. 23, 1974	8.52	Nov. 22	8.66
Nov. 23	9.46	Jan. 18, 1973	9.11	Feb. 27	8.92	Dec. 26	8.36
Jan. 4, 1972	8.40	Mar. 23	8.12				

433852116244801. Local number 4N-1W-35aa1. A. A. Waite. Dug unused water-table well in younger terrace gravel (previously reported sand and gravel of Quaternary age), diam 24 in (61 cm), depth 44 ft (13 m), casing information not available. Lsd 2,570.60 ft (783.52 m) above msl datum of 1929, supplementary adjustment of 1961. MP top of casing, north side, 1.30 ft (0.40 m) above lsd. Highest water level 1.73 ft (0.53 m) below lsd, July 14, 1974; lowest 12.2 ft (3.7 m) below lsd, Mar. 15, 1935. Records available: 1933-74. Water level influenced by local irrigation. Well filled in to depth of 32.2 ft (9.8 m) on July 24, 1973.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	8.25	8.00	8.90	9.53	8.62	5.04	4.21	3.60	3.05	4.47	6.76	7.51
10	8.15	8.16	8.99	9.67	8.04	4.88	4.16	3.75	3.34	4.54	7.02	7.28
15	8.54	8.23	9.28	9.71	7.17	4.90	4.01	4.02	3.67	4.40	7.32	7.64
20	7.85	8.59	9.14	9.82	6.97	4.58	4.10	4.53	3.83	5.44	7.49	7.80
25	7.70	8.62	...	9.47	6.59	4.10	3.77	4.10	3.93	5.24	7.65	7.85
Eom	7.79	8.62	9.54	9.54	5.95	4.17	3.85	3.15	3.57	6.37	7.64	8.15

1972

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	8.23	8.00	8.58	9.12	8.08	4.45	...	4.01	3.66	4.25	6.57	8.00
10	8.33	8.36	8.64	9.32	7.83	4.02	...	3.78	3.29	4.24	6.80	8.20
15	8.61	8.50	...	9.56	6.43	...	...	3.40	3.56	4.98	7.05	8.32
20	8.55	8.64	8.88	9.64	5.90	...	...	3.56	4.12	5.35	7.43	8.26
25	7.86	8.78	8.92	9.23	5.78	b3.89	...	3.15	3.65	5.82	7.61	8.22
Eom	7.70	8.84	9.11	9.54	5.13	...	3.70	...	2.42	6.36	7.77	8.26

1973

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	8.34	8.94	9.38	10.02	8.06	4.31	3.74	...	...	3.82	7.26	7.97
10	8.57	8.77	9.47	10.20	8.04	4.47	4.22	...	...	5.14	7.48	8.14
15	8.39	9.16	9.78	10.33	7.06	4.47	3.33	...	...	5.79	7.63	8.32
20	8.72	9.20	9.65	10.27	6.25	4.22	3.54	...	...	6.25	7.68	8.39
25	8.62	9.28	9.86	10.10	6.83	4.79	...	...	...	6.62	7.70	8.32
Eom	8.79	9.24	10.04	8.82	5.27	3.97	...	...	...	6.93	7.75	7.92

1974

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	7.92	...	9.28	9.78	7.77	3.51	3.35	2.86	...	3.91	6.74	8.21
10	8.24	8.65	9.38	9.96	5.34	3.28	1.73	...	...	3.91	7.09	8.36
15	8.34	8.78	9.38	10.06	5.71	3.85	3.38	...	2.89	4.83	7.33	8.52
20	...	8.94	9.52	10.22	5.07	3.38	3.34	...	3.23	5.50	7.55	8.64
25	...	9.08	9.57	10.29	5.01	2.85	3.00	...	2.92	6.01	7.78	8.73
Eom	...	9.12	9.73	9.90	3.10	3.09	2.58	...	3.97	6.40	8.01	8.90

h Tape measurement.

Bingham County

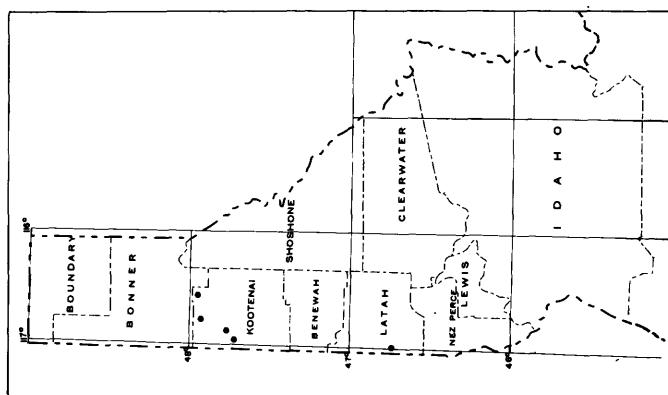
432019112565101. Local number 1S-30E-15bcal. U.S. Geol. Survey. Drilled observation water-table well in Snake River Group; diam 6 to 5 in (15 to 13 cm), previously reported 8 to 5 in (20 to 13 cm); depth 751.5 ft (229.1 m), previously reported 752 ft (229 m); 6-in (15-cm) casing 0-570 ft (0-174 m), 5-in (13-cm) casing 560-752 ft (171-229 m); lead seal at 550 ft (168 m). Lsd 5,133.08 ft (1,564.56 m) above msl datum of 1929, based on elevations of 1919 (preliminary). MP top of 6x-in (16-cm) threaded casing, 1.36 ft (0.42 m) above lsd. Highest water level 709.80 ft (216.35 m) below lsd, Oct. 24, 1951, Nov. 14, 1952; lowest 714.53 ft (227.79 m) below lsd, May 22, 1963. Records available: 1951-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 25, 1971	712.43	Feb. 25, 1972	711.95	Dec. 22, 1972	711.27	Jan. 25, 1974	711.94
Mar. 30	712.44	Mar. 22	711.83	Jan. 19, 1973	711.47	Feb. 23	712.35
Apr. 30	712.66	Apr. 20	712.01	Apr. 9	711.75	Mar. 28	712.44
May 27	712.34	May 24	711.91	May 25	711.94	Apr. 25	712.27
June 26	712.06	June 30	712.04	July 25	712.30	May 28	712.51
July 28	712.12	July 25	711.00	Aug. 28	712.02	June 26	712.64
Aug. 25	711.98	Aug. 30	711.52	Sept. 25	711.72	July 23	712.69
Sept. 23	711.55	Sept. 22	711.53	Oct. 17	711.51	Sept. 26	712.20
Oct. 26	711.05	Oct. 19	711.14	Nov. 28	711.55	Oct. 24	712.07
Nov. 17	711.28	Nov. 28	711.26	Dec. 21	711.69	Dec. 19	711.89

431840112071201. Local number 1S-37E-28aa1. Utah Power & Light Co. Drilled unused water-table well in sand and gravel of Quaternary age, diam 6 in (15 cm), depth 62.2 ft (19.0 m), cased to 62 ft (19 m). Lsd about 4,600 ft (1,402 m) above msl datum of 1929. MP top of casing, north side, 1.50 ft (0.46 m) below lsd. Highest water level 20.39 ft (6.21 m) below lsd, Sept. 23, 1970; lowest 55.58 ft (16.94 m) below lsd, Apr. 23, 1964. Records available: 1957-74.

Mar. 25, 1971	49.78	Mar. 24, 1972	49.94	Mar. 22, 1973	47.80	Mar. 27, 1974	50.25
Sept. 23	20.96	Sept. 25	20.50	Sept. 20	22.22	Oct. 2	20.47
Nov. 3	26.99						

431705112041301. Local number 1S-37E-36cdal. Arvel Fielding. Drilled unused water-table well in Salt Lake Formation, previously reported Salt Lake(?) Formation; diam 16 in (41 cm), previously reported 18 in (46 cm); depth 414.9 ft (126.5 m), previously reported 415 ft (126 m); cased 0-350 ft (0-107 m), previously reported to 403 ft (123 m); open hole. Lsd about 4,804 ft (1,464 m) above msl datum of 1929. MP top of 16-in (41-cm) casing, southwest side, flush with concrete platform, at lsd. Highest water level 230.00 ft (70.10 m) below lsd, Sept. 25, 1972; lowest 262.68 ft (80.06 m) below lsd, Sept. 17, 1968. Records available: 1958-74.



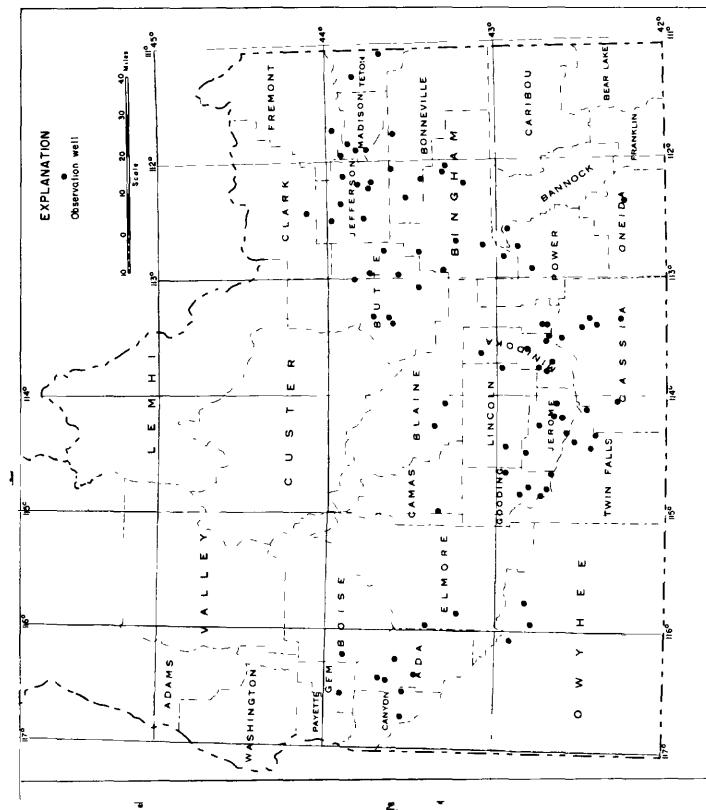


Figure 4.—Location of observation wells in Idaho, 1971-74.

431705112041301--Continued.

Date	Water level						
Mar. 25, 1971	244.46	Mar. 24, 1972	244.06	Mar. 22, 1973	242.46	Mar. 27, 1974	243.83
Sept. 23	237.06	Sept. 25	230.00	Sept. 20	231.05	Oct. 1	231.23
Nov. 3	231.58						

432701112471101. Local number 2N-31E-35dcl. U.S. Geol. Survey. Drilled observation water-table well in Snake River Group; diam 6 to 5 in (15 to 13 cm), depth 636 ft (193 m), 6-in (15-cm) casing 0-433 ft (0-132 m), 5-in (13-cm) casing 433-636 ft (132-194 m), perforated below water level. Lsd 5,023.68 ft (1,531.22 m) above msl datum of 1929, based on elevation of 1947 (preliminary). MP top of casing, 1.49 ft (0.45 m) above lsd. Highest water level 582.1 ft (177.4 m) below lsd, Nov. 12, 1951; lowest 586.65 ft (178.81 m) below lsd, May 25, 1964. Records available: 1949-74. Recording gage removed Mar. 25, 1974.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	583.90	584.05	584.22	583.95	583.97	583.80	583.83	583.67	583.54	583.25	583.02	
10	584.03	584.02	584.17	584.19	583.84	583.84	583.85	583.65	583.39	583.22	582.96	
15	583.82	584.10	583.95	584.07	583.90	583.83	583.78	583.58	583.06	583.14	583.05	
20	584.01	584.03	583.98	584.02	583.93	583.83	583.73	583.50	583.26	583.23	583.07	
25	583.95	583.87	584.01	583.98	584.00	583.80	583.82	583.78	583.23	583.19	583.08	583.05
Eom	583.97	583.80	584.15	584.14	583.99	583.92	583.87	583.61	583.11	583.13	583.30	

1972

5	583.32	583.15	583.36	583.24	583.34	583.45	583.42	583.61	583.31	583.30	582.85	582.91
10	583.22	583.35	583.32	583.26	583.37	583.35	583.42	583.56	583.38	583.13	582.86	582.98
15	583.46	583.22	583.46	583.34	583.39	583.42	583.45	583.53	583.38	583.12	582.81	.....
20	.....	583.31	583.38	583.37	583.30	583.40	583.42	583.56	583.45	582.89	582.96	.....
25	583.07	583.34	583.19	583.30	583.39	583.36	583.48	583.51	583.28	583.00	583.03	583.20
Eom	583.08	583.14	583.38	583.47	583.39	583.42	583.55	583.49	583.32	583.05	582.98	583.07

1973

5	582.98	583.02	582.91	583.08	583.07	583.54	583.53	583.61	583.62	583.29	.....	583.27
10	583.13	582.82	582.92	583.16	583.21	583.42	583.64	583.63	583.60	583.30	583.26	583.31
15	582.97	583.13	583.17	583.12	583.37	583.41	583.65	583.69	583.52	583.35	583.18	583.41
20	583.05	583.21	582.92	583.06	583.19	583.65	583.65	583.69	583.43	583.11	583.02	583.36
25	582.94	583.11	583.08	583.18	583.16	583.53	583.80	583.55	583.43	583.22	582.87	583.26
Eom	582.93	582.92	583.03	583.05	583.26	583.41	583.73	583.55	583.36	583.05	583.17	583.31

1974

5	583.18	583.57	583.56	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	583.32	583.70	583.70	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	583.40	583.68	583.83	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	583.39	583.70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	583.34	583.72	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	583.42	583.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

h Tape measurement.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 25, 1974	583.76	June 25, 1974	583.95	Sept. 24, 1974	583.96	Nov. 27, 1974	583.46
Apr. 22	583.88	July 23	584.06	Oct. 22	583.84	Dec. 19	583.53
May 22	583.92	Aug. 26	584.08				

431422112411901. Local number 2S-32E-23bb1. U.S. Bureau of Land Management. Drilled unused water-table well in Snake River Group; diam 6 in (15 cm), previously reported 8 in (20 cm); depth 194.0 ft (59.1 m); cased 0-172 ft (0-52 m); open hole. Lsd 4,583.32 ft (1,397.00 m), previously reported 4,585.35 ft (1,397.61 m), above msl datum of 1929 (preliminary). MP top of casing, west side, 2.00 ft (0.61 m) above lsd. Highest water level 162.75 ft (49.61 m) below lsd, Oct. 19, 1951; lowest 167.91 ft (51.18 m) below lsd, Aug. 13, 1968. Records available: 1951-74. Well filled in to depth of 182.2 ft (55.5 m) on Nov. 2, 1971.

Feb. 2, 1971	165.83	Feb. 3, 1972	165.57	Mar. 22, 1973	165.22	Mar. 26, 1974	166.15
Mar. 25	166.25	Mar. 24	165.74	May 24	165.69	May 3	166.08
May 21	165.77	May 19	165.74	July 27	165.43	July 12	166.40
July 23	165.59	July 20	165.48	Sept. 20	164.81	Oct. 2	165.30
Sept. 23	165.25	Sept. 25	164.57	Nov. 20	164.73	Nov. 21	165.05
Nov. 2	164.62	Dec. 14	165.02	Jan. 23, 1974	165.83	Dec. 20	165.48
24	164.67						

431148112111801. Local number 2S-36E-36cd1. U.S. Bureau of Indian Affairs. Drilled stock (previously reported unused) water-table well in Salt Lake Formation, previously reported Salt Lake(?) Formation, diam 6 in (15 cm), depth 98.0 ft (29.9 m), cased to 97 ft (30 m). Lsd about 4,636 ft (1,413 m) above msl datum of 1929. MP top of casing, south side, 2.00 ft (0.61 m) above lsd. Highest water level 74.57 ft (22.73 m) below lsd, Oct. 25, 1959; lowest 77.45 ft (23.61 m) below lsd, June 14, 1961. Records available: 1955, 1958-74.

Mar. 25, 1971	76.35	Mar. 24, 1972	76.10	Mar. 22, 1973	76.05	Mar. 27, 1974	76.29
Sept. 23	75.80	Sept. 25	75.58	Sept. 20	75.90	Oct. 2	75.70

430454112431301. Local number 4S-32E-9dcll. Bob Chandler. Drilled domestic water-table well in Snake River Group; diam 6 in (15 cm), depth 105 ft (32.0 m), cased to 105 ft (32 m). Lsd 4,438.86 ft (1,352.96 m) above msl datum of 1929 (preliminary adjustment). MP 4-in (1.3-cm) tap hole in north side of casing, 5.10 ft (1.55 m) below lsd. Highest water level 28.8 ft (8.8 m) below lsd, Aug. 27, 1949; lowest 37.49 ft (11.43 m) below lsd, Oct. 24, 1959. Records available: 1926-28, 1941, 1944-49, 1952-71. Measurement discontinued. Mar. 26, 1971, 35.38; Sept. 23, 30.39.

425757112485201. Local number 5S-31E-27ab1. Woodrow Youngstrom. Drilled unused water-table well in Snake River Group; diam 16 to 12 in (41 to 30 cm); depth 48.9 ft (14.9 m) previously reported 46 ft (14 m); cased to 16 ft (5 m), previously reported 20 ft (6 m). Lsd 4,399.83 ft (1,441.07 m) above msl datum of 1929 (preliminary adjustment). MP top inside edge of casing, 0.50 ft (0.15 m) above lsd. Highest water level 9.97 ft (3.04 m) below lsd, Aug. 16, 1968; lowest 25.84 ft (7.88 m) below lsd, Apr. 28, 1961. Records available: 1945-49, 1952-74.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	21.42	22.60	23.64	23.99	19.69	15.78	13.11	12.21	13.62	16.43	18.61
10	20.58	21.67	22.79	23.59	24.10	18.57	15.89	12.72	12.79	13.95	16.86	18.85
15	21.14	21.70	23.05	23.62	23.70	16.73	13.67	12.80	12.43	14.09	17.24	19.22
20	21.00	22.11	23.11	23.72	23.31	17.24	12.83	13.10	12.32	14.84	17.75	19.53
25	20.99	22.15	23.30	23.90	22.72	17.10	12.48	13.44	12.52	15.22	18.64	19.75
Eom	e21.24	22.22	23.45	24.15	20.99	16.70	13.03	11.95	12.83	15.79	18.40	20.24

1972

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	20.47	21.49	22.23	22.58	22.78	17.98	12.88	11.43	12.53	14.64	15.68	18.61
10	20.57	21.91	22.18	22.72	22.40	15.77	12.71	12.34	12.91	12.70	16.18	.....
15	20.12	22.01	22.35	22.91	21.42	15.85	12.83	12.61	13.59	13.36	16.56	.....
20	21.28	22.08	22.37	22.89	19.98	16.07	11.45	12.02	14.08	13.98	17.10	19.23
25	21.08	22.12	22.28	22.81	19.29	15.35	11.45	12.07	14.13	14.18	17.53	19.56
Eom	21.24	21.99	22.57	22.63	19.09	14.58	11.11	12.39	14.49	15.37	17.87	19.69

1973

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	19.86	21.15	21.56	21.58	22.39	18.23	13.13	11.51	12.78	13.88	15.55	18.05
10	20.21	21.13	21.44	21.74	22.63	16.77	13.04	12.05	12.82	13.65	16.18	18.37
15	20.26	21.65	21.75	21.88	22.02	16.14	13.03	12.35	12.61	14.05	16.51	18.78
20	20.52	21.86	21.45	21.96	20.93	15.67	12.42	12.67	12.75	14.11	16.77	19.00
25	20.54	22.00	21.70	22.25	19.90	14.24	11.74	12.56	12.48	14.66	17.01	19.12
Eom	20.79	21.93	21.50	22.29	18.94	13.13	11.56	12.47	12.99	15.03	17.63	19.56

1974

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	19.73	21.10	22.05	22.78	23.26	18.30	16.06	11.28	10.87	12.29	15.06	17.71
10	20.12	21.38	22.25	22.62	23.01	18.24	15.51	12.06	10.01	12.72	15.53	18.04
15	20.40	21.57	22.42	22.92	22.27	17.34	14.30	12.73	10.91	13.25	15.87	18.39
20	20.41	21.76	22.55	22.93	21.75	17.16	13.00	13.02	11.04	13.36	16.47	18.65
25	20.52	21.89	22.51	23.09	20.57	16.97	12.31	13.06	11.20	14.13	16.78	19.05
Eom	20.87	21.86	22.58	23.21	19.07	16.90	12.12	11.12	11.87	14.44	17.31	19.58

e Estimated.

Blaine County

431944114103501. Local number 18-19E-22a1a1. Blaine County. Formerly U.S. Geol. Survey. Drilled observation artesian well in sand and gravel of Quaternary age, diam 6 in (15 cm), reported depth 150 ft (46 m), cased to 116 ft (35 m), perforated, interval not available. Lsd 4,855.39 ft (1,489.07 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of casing cap, 1.00 ft (0.30 m) above lsd. Highest water level 9.87 ft (3.01 m) above lsd, July 25, 1958; lowest 3.98 ft (1.21 m) above lsd, Aug. 25, 1961. Records available: 1954-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 5, 1971	+6.05	Sept. 21, 1971	+8.04	Mar. 15, 1973	+6.26	Sept. 18, 1974	+5.95
Mar. 27	6.96	Mar. 24, 1972	7.02	Sept. 17	7.12	Oct. 23	g8.27
May 24	7.01	Sept. 19	8.24	Feb. 28, 1974	4.96	Dec. 20	g8.27
July 26	8.45						

g Measurement made by Idaho Department of Water Resources.

431642114013002. Local number 2S-20E-1ace2. William C. Davis. Drilled observation water-table well in Snake River Group (previously reported sand and gravel of Quaternary age), diam 10 in (25 cm), depth 208.6 ft (63.6 m), cased to 208 ft (63 m), perforated 185-194 ft (56-59 m), 197-206 ft (60-63 m). Lsd 4,790.07 ft (1,460.01 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of casing, northeast side, 1.20 ft (0.37 m) above lsd. Highest water level 125.04 ft (38.11 m) below lsd, Sept. 25, 1965; lowest 152.34 ft (46.43 m) below lsd, Apr. 25, 26, 1961. Records available: 1954-74. Recording gage removed Aug. 20, 1971.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	147.39	148.55	150.22	144.26	145.14	145.72	140.53	138.06	.....	.....	.....	.....
10	147.13	149.07	150.56	141.06	146.09	144.94	139.72	139.89	.....	.....	.....	.....
15	147.56	149.30	150.59	141.32	146.26	143.88	139.43	137.59	.....	.....	.....	.....
20	149.44	150.64	142.57	146.08	143.21	138.83	h137.02	.....	.....	.....	.....	.....
25	149.55	150.30	143.77	146.39	142.45	138.26	.....	.....	.....	.....	.....	.....
Eom	149.80	147.04	144.67	146.21	141.62	138.02	.....	.....	.....	.....	.....	.....

h Tape measurement.

431642114013002--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 20, 1971	136.65	Mar. 15, 1973	151.14	Feb. 28, 1974	150.48	Oct. 1, 1974	g137.80
Mar. 24, 1972	141.49	Sept. 19	143.76	Sept. 19	138.93	Dec. 21	g145.73
Sept. 19	140.16						

g Measurement made by Idaho Department of Water Resources.

424348113242701. Local number 8S-26E-15bcal. Eugene Hruza. Drilled stock water-table well in Snake River Group, diam 6 in (15 cm), depth 254 ft (77 m), cased to 16 ft (5 m). Lsd 4,270.30 ft (1,301.59 m), previously reported 4,270.26 ft (1,301.58 m), above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of 5/8-in (.63-cm) hole in well seal, east side, 5.70 ft (.74 m) below lsd. Highest water level 162.15 ft (49.42 m) below lsd, May 13, 1954; lowest 161.25 ft (55.25 m) below lsd, Sept. 13, 1963. Records available: 1948-71. Measurement discontinued. Mar. 25, 1971, 177.06.

424215113240701. Local number 8S-26E-27abab. U.S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group; diam 6 in (15 cm), previously reported 8 to 6 in (20 to 15 cm); reported depth 225 ft (69 m); 8-in (20-cm) casing 0-104 ft (0-32 m), 6-in (15-cm) casing 0-179 ft (0-55 m); concrete seal at 178 ft (54 m). Lsd 4,238.50 ft (1,291.89 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of 8-in (20-cm) casing, 0.20 ft (.06 m) below lsd. Highest water level 125.78 ft (38.34 m) below lsd, Nov. 5, 1953; lowest 136.60 ft (41.64 m) below lsd, May 30, 1964. Records available: 1951-71. Measurement discontinued.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	133.37	133.45	133.67	133.86	133.61	133.52	133.56	133.55	132.92	132.67	.....	.....
10	.....	.....	133.67	133.82	133.81	133.42	133.65	133.57	132.83	132.40	.....	.....
15	133.59	.....	133.89	133.68	133.59	133.56	133.58	133.45	132.74	132.00	.....	.....
20	133.44	133.60	133.65	h133.64	133.52	133.72	133.57	133.25	132.68	132.22	.....	.....
25	133.64	133.41	133.75	133.63	133.47	133.61	133.65	133.21	132.45	h132.08	.....	.....
Eom	133.39	133.37	133.87	133.83	133.49	133.70	133.62	132.96	132.45	.....	.....	.....

h Tape measurement.

Boise County

435400116121301. Local number 7N-2E-34caa. Jack N. Kohtala. Dug domestic water-table well in sand and gravel (previously reported alluvium) of Quaternary age; diam 60 to 36 in (152 to 91 cm); depth 44.8 ft (13.7 m), previously reported 45 ft (14 m); cribbed with rock and concrete to 42 ft (13 m). Lsd 2,649.10 ft (807.45 m) above msl datum of 1929 (unadjusted). MP 7/16-in (.44-cm) tap hole in south side of 2 ft (1 m) square steel plate, 0.90 ft (0.27 m) above lsd. Highest water level 31.6 ft (9.6 m) below lsd, May 12, 1943; lowest 43.1 ft (13.1 m) below lsd, July 23, 1947. Records available: 1943-71. Measurement discontinued. Jan. 6, 1971, 38.78; Jan. 11, 38.53; Mar. 15, 37.88; May 10, 37.38; July 12, 37.91; Sept. 13, 36.70.

Bonneville County

432633112105301. Local number 1N-36E-1cccb. U.S. Bureau of Reclamation. Drilled observation (previously reported test) water-table well in Snake River Group, diam 16 in (41 cm), depth 217.0 ft (66.1 m), cased to 185 ft (56 m), perforated 150-182 ft (46-55 m), open end. Lsd 4,674.05 ft (1,424.65 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of 16-in (41-cm) casing, northeast side, 1.40 ft (0.43 m) above lsd. Highest water level 142.95 ft (43.57 m) below lsd, Oct. 16, 1971; lowest 157.28 ft (47.94 m) below lsd, May 18, 1962, May 30, 1964. Records available: 1958, 1960-74. Recording gage removed Nov. 11, 1971.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	147.63	149.25	150.78	152.53	153.21	153.27	151.39	148.43	145.20	143.77	143.78	.....
10	147.44	149.60	151.07	152.50	153.58	153.05	151.06	147.88	144.64	143.55	143.96	.....
15	148.22	149.65	151.41	152.57	153.45	153.00	150.66	147.26	144.34	143.08	.....	.....
20	148.28	150.14	151.58	152.66	153.38	152.82	150.26	146.76	144.08	143.41	.....	.....
25	148.71	150.18	151.79	152.89	153.36	152.33	149.67	146.44	143.63	143.45	.....	.....
Eom	149.09	150.30	152.14	153.29	153.29	152.03	149.04	145.67	143.40	143.48	.....	.....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 14, 1972	150.87	Feb. 16, 1973	148.33	Sept. 4, 1973	144.06	May 28, 1974	152.25
June 9	151.99	Mar. 22	150.02	Nov. 28	144.42	Aug. 7	147.07
July 31	147.84	May 7	152.24	Jan. 23, 1974	152.99	Sept. 19	144.46
Sept. 13	144.15	July 26	148.49	Mar. 21	150.64	Dec. 23	145.00
Dec. 22	144.36						

433218112191601. Local number 2N-35E-2bbcl. U.S. Atomic Energy Commission. Drilled observation water-table well in Snake River Group; diam 10 in (25 cm), depth 682.5 ft (208.0 m), cased to 108 ft (33 m), open bottom. July 1969 well was destroyed; new dimensions are depth 1,302.0 ft (396.9 m), 3/4-in (1.9-cm) piezometer tube 0-651 ft (0-198 m), perforated 643.5-648.5 ft (196.1-197.7 m), gravel packed 651-800 ft (198-244 m), concrete seal 800-883 ft (244-269 m). Lsd 5,089.83 ft (1,551.38 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of 10-in (25-cm) casing, northwest side, 1.18 ft (0.36 m) above lsd. Highest water level 573.29 ft (174.74 m) below lsd, Jan. 17, 1973; lowest 582.11 ft (177.43 m) below lsd, July 17, 1968. Records available: 1950-60, 1962-71.

Date	Water level						
Jan. 21, 1971	575.02	Jan. 27, 1972	574.47	Dec. 18, 1972	573.46	Dec. 19, 1973	573.64
Feb. 20	575.80	Feb. 26	575.16	Jan. 17, 1973	573.29	Jan. 24, 1974	573.89
Mar. 20	576.33	Mar. 15	575.77	Feb. 28	574.05	Feb. 20	574.53
Apr. 23	577.28	Apr. 18	576.37	Mar. 19	574.69	Mar. 23	575.19
May 20	577.99	May 25	577.62	Apr. 19	575.36	Apr. 22	576.09
June 21	579.30	June 29	578.84	May 24	576.55	May 22	576.97
July 22	580.07	July 24	578.96	July 20	578.83	June 25	578.62
Aug. 21	579.17	Aug. 30	577.62	Aug. 27	577.77	July 18	579.45
Sept. 22	577.29	Sept. 22	576.37	Sept. 24	575.85	Sept. 24	577.09
Oct. 20	575.64	Oct. 18	574.98	Oct. 19	575.03	Oct. 22	575.55
Nov. 16	574.64	Nov. 27	573.72	Nov. 24	573.55	Dec. 28	573.37
Dec. 21	574.23						

43656112043901. Local number 3N-37E-2bcdl. Parley Rigby. Drilled unused water-table well in Snake River Group; diam 20 to 18 in (51 to 46 cm), previously reported 20 in (51 cm); reported depth 508 ft (155 m); 20-in (51-cm) casing 0-18 ft (0-5 m), 18-in (46-cm) casing 217-270 ft (66-82 m); open hole. Lsd 4,815.97 ft (1,467.91 m) above msl datum of 1929. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 145.47 ft (44.34 m) below lsd, Sept. 17, 1973; lowest 176.90 ft (53.92 m) below lsd, May 20, 1957. Records available: 1957-74.

Feb. 17, 1971	167.09	June 24, 1971	161.90	Mar. 23, 1972	173.19	Sept. 17, 1973	145.47
Apr. 2	171.79	July 29	153.50	Sept. 21	146.85	Mar. 14, 1974	172.49
May 6	172.58	Aug. 31	147.64	Mar. 22, 1973	169.71	Sept. 19	146.30
27	169.40	Sept. 9	147.22				

43638111462901. Local number 3N-40E-8baal. Earl Hunter. Drilled unused water-table well in Salt Lake Formation; diam 18 to 8 in (46 to 20 cm), depth 425.0 ft (129.5 m), 18-in (46-cm) casing 0-380 ft (0-116 m), 8-in (20-cm) casing 380-425 ft (116-130 m). Lsd 5,042.60 ft (1,536.98 m) above msl datum of 1929 (adjusted). MP top of 3/4-in (1.9-cm) hole in well seal south side of cap, 2.53 ft (0.77 m) above lsd. Highest water level 125.12 ft (38.14 m) below lsd, Oct. 8, 1974; lowest 184.29 ft (56.17 m) below lsd, Apr. 27, 1960. Records available: 1957-74.

Jan. 26, 1971	156.89	Sept. 27, 1971	131.45	Sept. 19, 1972	127.69	Nov. 6, 1973	136.01
Feb. 22	163.87	Dec. 30	152.64	Dec. 26	146.13	Feb. 4, 1974	162.45
Mar. 24	170.40	Feb. 9, 1972	163.65	Feb. 26, 1973	163.55	Mar. 13	170.76
Apr. 28	175.66	Mar. 30	174.06	Mar. 22	168.79	May 21	177.95
June 25	154.97	May 25	170.59	June 5	a176.74	Oct. 8	125.12
July 27	137.45	July 26	135.44	Sept. 11	128.55	Nov. 20	133.59
Aug. 31	129.87						

a Well being pumped.

Butte County

432733113043901. Local number 2N-28E-35add1. U.S. Geol. Survey. Drilled observation water-table well in Snake River Group; diam 8 to 6 in (20 to 15 cm); depth 654.1 ft (199.3 m); 8-in (20-cm) casing 0-241 ft (0-73 m), previously reported 0-244 ft (0-74 m); 6-in (15-cm) casing 235-652 ft (72-199 m), previously reported 237-651 ft (72-199 m); perforated 618-648 ft (188-198 m), previously reported 620-650 ft (189-198 m); lead seal. Lsd 5,037.87 ft (1,535.54 m), previously reported 5,030.87 ft (1,533.41 m), above msl datum of 1929 (preliminary). MP top of 8-in (20-cm) casing, 2.31 ft (0.70 m) above lsd (since June 2, 1971). Highest water level 599.78 ft (182.81 m) below lsd, Mar. 1, 1955; lowest 606.34 ft (184.81 m) below lsd, June 21, 1962. Records available: 1951-74. Recording gage installed June 2, 1971. Jan. 30, 1971, 603.00; Feb. 17, 602.93; Mar. 26, 602.71; Apr. 30, 602.87; May 27, 602.53.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	602.69	.....	602.72	.....	602.31
10	.....	.....	.....	.....	.....	.....	602.74	602.73	602.62	.....	.....	.....
15	.....	.....	.....	.....	.....	.....	602.69	.....	602.34	.....	602.33	.....
20	.....	.....	.....	.....	.....	.....	602.67	.....	602.55	602.51	602.36	.....
25	.....	.....	.....	.....	.....	.....	602.76	602.42	602.45	602.41	.....	.....
Eom	.....	.....	.....	.....	.....	602.67	602.64	602.42	602.39	602.48	.....	.....
1972												
5	602.50	602.68	602.86	602.76	602.82	602.37	602.44	.....	.....	.....	.....	.....
10	602.43	.....	602.81	.....	.....	602.65	602.40	602.52	.....	.....	.....	.....
15	602.54	602.67	.....	602.87	602.65	602.34	602.63	.....	.....	.....	.....	.....
20	602.56	602.63	602.87	602.75	602.43	602.45	602.58	.....	.....	.....	.....	.....
25	601.78	h602.35	602.50	602.70	602.82	602.78	602.52	602.51	602.67	.....	.....	.....
Eom	601.96	.....	602.39	h602.61	602.79	602.90	602.81	602.59	602.48	602.52	.....	.....

#32733113043901--Continued.

1973

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	602.46	602.46	602.21	602.15	602.03	602.65	602.77	.....	.....	602.88	602.72	602.83
10	602.58	602.23	602.19	602.23	602.20	602.57	602.93	.....	.....	602.96	602.89	602.84
15	602.43	602.53	602.41	602.19	602.37	602.60	602.95	.....	.....	602.98	.....	603.01
20	602.55	602.55	602.12	602.04	602.24	602.82	602.96	.....	.....	602.75	602.63	602.90
25	602.39	602.46	602.46	602.14	602.24	602.76	603.15	.....	.....	602.88	602.42	602.77
Eom	602.42	602.25	602.16	602.03	602.34	602.68	.....	.....	.....	602.65	602.74	602.84

1974

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	603.08	603.10	603.21	.....	.....	603.22	603.23	603.39	603.45	603.20	.....
10	.....	603.18	603.22	603.05	.....	.....	603.11	603.30	603.30	603.39	603.18	.....
15	.....	603.22	603.34	603.21	.....	.....	603.05	603.38	603.49	603.47	.....	.....
20	.....	603.27	603.41	603.18	.....	.....	603.17	603.40	603.52	603.20	.....	603.04
25	602.73	603.20	603.23	603.27	.....	603.45	603.16	603.40	603.45	603.37	.....	603.11
Eom	602.90	603.10	603.14	603.29	.....	603.43	603.23	603.34	603.48	603.13	.....	.....

Tape measurement.

#33523112573201. Local number 3N-29E-14adbl. U.S. Atomic Energy Commission. Drilled observation water-table well in Snake River Group; diam 8 in (20 cm); depth 588.0 ft (179.2 m); cased to 590 ft (180 m), previously reported 588 ft (179 m); perforated 447-588 ft (136-179 m). Lsd 4,917.64 ft (1,498.90 m) above msl datum of 1929 (preliminary). MP top of casing at painted spot, north side, 1.00 ft (0.30 m) above lsd. Highest water level 447.52 ft (136.40 m) below lsd, Mar. 1, 1953; lowest 458.28 ft (139.68 m) below lsd, Sept. 23, 1964. Records available: 1949-60, 1962-74.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	451.85	452.07	452.22	451.76	451.95	452.15	452.12	451.70	451.83	451.80	451.30	450.83
10	451.69	451.83	452.25	451.97	452.32	452.00	452.21	451.51	451.82	451.70	451.10	450.77
15	451.70	452.00	452.35	451.95	452.21	452.17	452.17	451.66	451.77	451.27	451.10	450.89
20	451.99	452.28	452.25	451.92	452.00	452.28	452.16	451.84	451.44	451.51	451.30	450.93
25	452.09	452.07	451.76	452.07	452.10	452.19	452.15	451.99	451.43	451.47	451.11	450.85
Eom	452.14	452.02	451.61	452.24	452.08	452.37	452.14	451.83	451.45	451.07	451.09	451.07

1972

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	451.03	450.66	450.08	450.35	449.79	449.70	450.54	450.49	450.11	450.45	449.56	449.92
10	450.75	450.93	450.35	450.35	449.90	449.55	450.43	450.48	450.22	450.43	449.55	449.85
15	450.67	450.69	450.65	449.91	449.68	449.89	450.56	450.51	450.03	450.53	449.40	449.78
20	450.22	450.55	450.54	450.24	449.49	450.24	450.32	450.21	450.49	450.20	449.83	449.62
25	450.43	450.31	450.27	450.27	449.68	450.34	450.34	450.28	449.98	450.03	449.69	450.15
Eom	450.60	450.10	450.48	450.10	449.59	450.50	450.15	450.16	450.30	449.87	450.06	450.10

1973

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	451.03	450.66	450.08	450.35	449.79	449.70	450.54	450.49	450.11	450.45	449.56	449.92
10	450.75	450.93	450.35	450.35	449.90	449.55	450.43	450.48	450.22	450.43	449.55	449.85
15	450.67	450.69	450.65	449.91	449.68	449.89	450.56	450.51	450.03	450.53	449.40	449.78
20	450.22	450.55	450.54	450.24	449.49	450.24	450.32	450.21	450.49	450.20	449.83	449.62
25	450.43	450.31	450.27	450.27	449.68	450.34	450.34	450.28	449.98	450.03	449.69	450.15
Eom	450.60	450.16	450.35	450.48	449.80	449.94	450.84	450.82	451.02	451.15	451.05	451.18

1974

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	451.00	450.04	450.06	450.05	450.03	450.06	450.20	450.86	451.01	451.00	451.12	451.15
10	449.76	449.44	450.15	450.19	450.03	449.91	450.11	451.12	451.02	451.05	451.25	451.58
15	449.55	450.09	450.46	450.41	450.15	449.15	450.71	451.31	451.05	451.20	451.15	451.39
20	449.47	450.35	450.21	450.40	449.85	450.18	450.53	451.31	450.87	451.02	450.95	451.30
25	449.48	450.39	450.38	450.63	449.70	450.06	451.09	451.33	450.97	451.19	450.73	451.11
Eom	449.77	450.16	450.35	450.48	449.80	449.94	450.84	450.82	451.02	451.15	451.05	451.18

1974

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 15, 1971	38.49	June 28, 1971	37.64	Sept. 22, 1972	37.78	Mar. 3, 1974	39.43
Mar. 27	39.07	Sept. 27	37.33	Mar. 20, 1973	40.35	May 22	39.19
May 7	38.89	Mar. 27, 1972	38.85	Oct. 4	38.92	Sept. 1	37.75

#33825113192301. Local number 4N-26E-26dccl. Inland Brick Co. Drilled unused water-table well in sand and gravel of Quaternary age, diam 8 in (20 cm), depth 143.0 ft (43.6 m), cased to 143 ft (44 m). Lsd 5,332.25 ft (1,625.27 m) above msl datum of 1929 (preliminary). MP top of casing, 1.10 ft (0.34 m) above lsd. Highest water level 36.90 ft (11.25 m) below lsd, Sept. 19, 1969; lowest 48.62 ft (14.82 m) below lsd, Mar. 17, 1962. Records available: 1949-74. Well filled in to depth of 136.5 ft (41.6 m) on May 22, 1974.

433750113234501--Continued.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	199.18	199.20	199.37	199.63	199.18	199.24	198.12	197.21	196.49	.....	.....	.....
10	198.55	199.42	199.38	199.20	199.67	198.86	197.93	197.15	196.50	.....	.....	.....
15	199.33	199.01	199.55	199.00	199.40	198.89	197.92	196.89	196.36	.....	.....	.....
20	199.07	199.41	199.37	198.96	199.25	198.86	197.85	196.70	196.19	.....	.....	.....
25	199.38	199.09	199.23	199.17	199.28	199.14	197.46	196.74	195.83	.....	.....	.....
Eom	199.35	199.02	194.38	199.56	199.17	198.56	197.36	196.34	.....	.....	.....	.....

434031112452701. Local number 4N-31E-1fadd1. U.S. Geol. Survey. Drilled observation water-table well in Snake River Group; diam 4 in (10 cm); depth 20.0 ft (120.0 m); 4-in (10-cm) casing 0-532 ft (0-162 m); open hole. Lsd 4, P99.99 ft (1,493.43 m) above msl datum of 1927 (preliminary). MP chiseled cross in top of 4-in (10-cm) casing, northeast side, 1.74 ft (0.56 m) above lsd. Highest water level 406.1 ft (123.02 m) below lsd, Feb. 27, 1973; lowest* 414.24 ft (126.26 m) below lsd, May 11, 1950. Records available: 1950-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28, 1971	408.28	Dec. 21, 1971	407.44	Dec. 20, 1972	407.27	Jan. 23, 1974	407.46
Feb. 23	408.00	Feb. 14, 1972	406.79	Jan. 20, 1973	406.85	Feb. 20	407.39
Mar. 24	407.98	Mar. 14	407.04	Feb. 27	406.61	Mar. 25	407.30
Apr. 26	408.15	Apr. 24	406.83	Apr. 16	406.67	Apr. 24	407.57
May 25	408.24	May 24	407.14	May 23	407.00	May 24	407.47
June 24	408.60	June 29	407.82	July 19	407.96	June 24	408.24
July 21	408.65	July 21	407.91	Aug. 27	408.32	July 22	408.71
Aug. 24	409.07	Aug. 29	408.20	Sept. 21	408.67	Sept. 25	409.01
Sept. 22	409.01	Sept. 18	408.11	Oct. 18	408.29	Oct. 21	409.01
Oct. 22	408.50	Oct. 18	408.01	Nov. 27	407.95	Dec. 30	407.93
Nov. 16	408.04	Nov. 27	407.46	Dec. 18	407.73		

434442113195101. Local number 5N-26E-23cdbl. Herman Coburn. Drilled irrigation (previously reported unused) water-table well in gravel of Quaternary age; diam 20 to 16 in (51 to 41 cm); depth 197.6 ft (60.2 m), previously reported 198 ft (60 m); casing depth not available; perforated in gravel. Lsd 5,488.02 ft (1,672.75 m) above msl datum of 1929 (preliminary). MP top of casing, 0.45 ft (0.14 m) below lsd. Highest water level 14.13 ft (4.31 m) below lsd, Sept. 24, 1971; lowest 50.87 ft (15.51 m) below lsd, Mar. 17, 1962. Records available: 1950-74.

Jan. 15, 1971	22.18	June 28, 1971	16.91	Sept. 21, 1972	18.26	Feb. 25, 1974	25.64
Mar. 27	25.53	Sept. 24	14.13	Mar. 20, 1973	25.47	Sept. 1	16.29
May 2	24.43	Mar. 28, 1972	24.71	Oct. 3	22.29		

434430112575901. Local number 5N-29E-23cdal. U.S. Geol. Survey. Drilled observation water-table well in Snake River Group; diam 6 in (15 cm); depth 399.2 ft (121.7 m), previously reported 301 ft (122 m); cased to 399 ft (122 m), previously reported 401 ft (122 m); perforated 285-306 ft (87-93 m); cemented bottom. Lsd 4,800.30 ft (1,463.13 m) above msl datum of 1929 (preliminary). MP top of 6-in (16-cm) casing, northeast side, 1.83 ft (0.56 m) above lsd. Highest water level 256.55 ft (78.20 m) below lsd, May 16, 1969; lowest 277.59 ft (84.61 m) below lsd, Apr. 6, 1964. Records available: 1951-74.

Jan. 29, 1971	266.97	Feb. 10, 1972	264.27	Jan. 18, 1973	264.35	Jan. 23, 1974	266.34
Mar. 18	267.68	Mar. 13	265.11	Mar. 12	266.16	Feb. 19	267.97
May 24	265.58	Apr. 19	259.27	Apr. 11	260.21	Mar. 22	262.79
June 25	265.75	May 24	263.87	May 23	260.83	Apr. 19	257.79
July 20	267.88	June 28	266.04	July 19	267.15	May 23	266.45
Aug. 24	265.42	July 21	266.50	Aug. 23	267.72	June 22	270.84
Sept. 21	264.65	Aug. 26	266.38	Sept. 19	267.99	July 19	271.17
Oct. 19	263.64	Oct. 18	265.81	Oct. 16	268.38	Sept. 25	270.52
Nov. 15	261.59	Nov. 22	264.20	Nov. 26	267.99	Oct. 18	270.07
Jan. 5, 1972	259.79	Dec. 20	260.82	Dec. 17	265.72	Dec. 18	267.91

4350311211594001. Local number 6N-29E-16dddl. Sweet Sage Development Co. Drilled domestic water-table well in sand and gravel of Quaternary age; diam 6 in (15 cm); depth 99.8 ft (30.4 m), previously reported 100 ft (30 m); cased to 101 ft (31 m), previously reported 100 ft (30 m); perforated 94-99 ft (29-30 m); open bottom. Lsd about 4,865 ft (1,483 m) above msl datum of 1929. MP top of casing, east side, 1.00 ft (0.30 m) above lsd. Highest water level 54.33 ft (16.56 m) below lsd, May 10, 1973; lowest 81.76 ft (24.92 m) below lsd, Aug. 15, 1968. Records available: 1959-74.

Feb. 4, 1971	55.82	Mar. 27, 1972	55.76	Mar. 11, 1973	54.43	Mar. 7, 1974	57.28
Mar. 26	55.05	May 8	54.57	May 10	54.33	May 18	60.75
May 24	59.98	July 12	59.08	July 18	67.49	July 30	69.75
July 25	64.04	Sept. 19	58.90	Sept. 19	65.76	Sept. 25	67.79
Nov. 11	65.31	Dec. 1	67.29	Nov. 27	61.14	Nov. 13	65.36
Jan. 24, 1972	57.35	Feb. 6, 1973	58.80	Jan. 30, 1974	57.94	Dec. 16	61.35

Camas County

432033114584701. Local number 1S-12B-13baal. H. E. Miller. Drilled unused artesian well in sand of Quaternary age, diam 3 in (7.6 cm), reported depth 435 ft (133 m), cased to 135 ft (41 m). Lsd 5,090.70 ft (1,551.65 m), previously reported 5,091 ft (1,552 m), above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of casing, east side, 2.30 ft (0.70 m) above lsd. Highest water level 1.60 ft (0.49 m) below lsd, Apr. 26, 1965; lowest 6.56 ft (2.00 m) below lsd, Sept. 17, 1974. Records available: 1957-74. Well filled in to depth of 218.20 ft (66.51 m) on Mar. 20, 1972.

#32033114584701--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 27, 1971	3.51	Mar. 20, 1972	4.17	Mar. 17, 1973	5.33	Apr. 4, 1974	4.97
Sept. 20	5.11	Sept. 18	5.34	Sept. 17	6.13	Sept. 17	6.56

Canyon County

433145116304301. Local number 2N-1W-7bbcl. U.S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group (previously reported sediments and basalt in Idaho Group); diam 6 to 4 in (15 to 10 cm), previously reported 6 in (15 cm); depth 103.0 ft (31.4 m); 6-in (15-cm) casing 0-97 ft (0-30 m); 4-in (10-cm) casing 96-102 ft (29.31 m); perforated 96-102 ft (29.31 m). Lsd 2,547.92 ft (776.68 m) above msl datum of 1929. MP top of casing, northeast side, 0.50 ft (0.15 m) above lsd. Highest water level 5.80 ft (1.77 m) below lsd, Oct. 12, 1960; lowest 13.36 ft (4.07 m) below lsd, Apr. 23, 1971. Records available: 1953-74. Recording gage removed Nov. 24, 1971.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	11.24	11.56	12.30	12.75	12.60	10.47	9.15	8.71	....	8.69	....	....
10	10.92	11.67	12.28	12.72	12.48	9.98	9.17	8.59	....	8.68	....	....
15	11.43	11.71	12.61	12.54	11.91	9.80	9.06	8.49	....	8.74	....	....
20	11.32	....	12.54	....	11.53	9.77	8.91	8.36	....	8.69	....	....
25	11.45	11.95	12.57	13.29	11.06	9.66	8.77	7.52	....	8.86	....	....
Eom	11.46	11.95	12.94	13.15	10.81	9.43	8.70	....	8.31	....	....	....

e Estimated.

h Tape measurement.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Nov. 24, 1971	9.83	Sept. 20, 1972	9.49	July 10, 1973	9.68	Apr. 23, 1974	12.34
Jan. 5, 1972	10.97	Nov. 20	10.65	Sept. 10	9.30	July 10	10.48
Mar. 20	12.27	Jan. 17, 1973	11.19	Dec. 3	11.23	Sept. 16	9.55
May 12	12.25	Mar. 26	12.23	Jan. 31, 1974	11.56	Nov. 16	10.04
July 24	9.60	May 16	12.16	Mar. 1	11.59	Dec. 16	10.88

433208116441501. Local number 2N-3W-6bdb1. Charles Shiley. Drilled unused water-table well in Idaho Group (previously reported sand of Idaho Group), diam 4 in (10 cm), depth 246.3 ft (75.1 m), casing depth not available. Lsd 2,613.78 ft (756.68 m) above msl datum of 1929. MP top of hole in wooden platform, 0.80 ft (0.24 m) above lsd. Highest water level 180.0 ft (54.9 m) below lsd, Nov. 5, 1925; lowest 217.85 ft (66.40 m) below lsd, July 13, 1971. Records available: 1925, 1953, 1956-74.

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Jan. 18, 1971	216.51	Nov. 24, 1971	215.46	Jan. 17, 1973	215.01	Mar. 1, 1974	216.00	....	....	....	....	....
Mar. 16	216.88	Jan. 5, 1972	215.70	Mar. 26	215.72	Apr. 23	217.05	....	....	....	....	....
Apr. 27	217.01	Mar. 16	216.13	May 17	216.05	June 11	217.32	....	....	....	....	....
May 12	217.41	May 12	217.03	July 10	216.76	July 10	217.45	....	....	....	....	....
June 24	217.80	July 24	216.64	Sept. 10	216.97	Sept. 16	216.92	....	....	....	....	....
July 13	217.85	Sept. 20	215.78	Dec. 4	216.08	Nov. 3	216.46	....	....	....	....	....
Sept. 27	216.29	Nov. 15	214.93	Feb. 1, 1974	215.97	Dec. 19	216.07	....	....	....	....	....

Cassia County

423732113295001. Local number 9S-25E-23dta1. U.S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group, diam 8 to 6 in (20 to 15 cm); depth 174.0 ft (53.0 m); 8-in (20-cm) casing 0-11 ft (0-3 m), 6-in (15-cm) casing 11-172 ft (3-52 m); 30 ft (9 m) slotted perforations below water level. Lsd 4,266.97 ft (1,300.57 m), previously reported 4,266.91 ft (1,300.55 m), above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 116.5 ft (35.9 m) below lsd, Sept. 23, 25, 28, Oct. 1-3, 1951; lowest 132.58 ft (40.41 m) below lsd, Apr. 17, 1962. Records available: 1951-74 (revised). Mar. 21, 1972, 127.50; Sept. 26, 120.28; Mar. 19, 1973, 127.34; Sept. 12, 120.93.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	126.53	127.25	128.95	130.19	129.66	128.02	126.07	123.49	121.56	....	....	....
10	126.53	127.47	e129.14	130.20	129.57	127.68	126.74	123.12	121.50	....	....	....
15	126.64	....	129.48	130.12	129.23	....	126.38	122.75	121.47	....	....	....
20	126.72	128.34	129.67	129.93	128.88	....	124.11	122.34	121.43	....	....	....
25	126.89	128.41	129.76	129.82	128.65	126.87	124.46	122.24	121.21	h121.39	....	....
Eom	127.10	128.54	130.06	129.92	128.32	126.49	123.88	121.68	121.11	....	....	....

1974

Date	Water level	Date	Water level	Date	Water level	Date	Water level
5	....	....	....	127.34	125.88	123.27	122.93
10	....	....	....	127.22	125.69	123.19	122.83
15	....	....	....	126.96	125.52	123.21	122.92
20	127.69	....	....	126.73	125.35	123.19	122.71
25	128.14	128.71	....	126.46	124.99	123.06	124.14
Eom	....	....	....	126.22	124.67	123.01	124.40

e Estimated.

h Tape measurement.

423052113241401. Local number 10S-26E-34bad2. Ivan Schrenk. Drilled stock water-table well in Snake River Group, diam 8 in (20 cm), reported depth 342 ft (104 m), cased to 54 ft (16 m). Lsd 4,465.51 ft (1,361.09 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP 1-in (.64-cm) tap hole in pumpbase, west side, 1.00 ft (0.30 m) above lsd. Highest water level 275.36 ft (83.93 m) below lsd, May 21, 1958; lowest 285.33 ft (86.97 m) below lsd, Sept. 20, 1974. Records available: 1957-74.

Date	Water level						
Mar. 25, 1971	279.53	Mar. 22, 1972	277.79	Mar. 19, 1973	277.70	Mar. 25, 1974	277.97
Sept. 20	283.82	Sept. 21	284.00	Sept. 18	284.56	Sept. 20	285.33

422639113260101. Local number 11S-27E-29aaa1. Parr Bros. Drilled unused water-table well in Raft Formation (previously reported sand and gravel of Salt Lake Formation); diam 8 in (20 cm), previously reported 6 in (15 cm); depth 247.4 ft (75.4 m); cased to 237 ft (72 m). Lsd 4,394.72 ft (1,339.51 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of 8-in (20-cm) casing, northeast side, 1.00 ft (0.30 m) above lsd. Highest water level 32.75 ft (9.98 m) below lsd, Nov. 5, 1952; lowest 90.56 ft (27.60 m) below lsd, Nov. 5, 10, 1974. Records available: 1950, 1952, 1960-74.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	87.39	86.62	85.82	84.77	83.43	82.42	82.03	83.20	84.52	85.76	86.07	86.03
10	87.28	86.48	85.67	84.58	83.20	81.53	82.24	83.42	84.70	85.84	86.08	85.99
15	87.17	86.34	85.52	84.38	83.00	81.50	82.42	83.65	84.92	85.89	86.10	85.95
20	87.05	86.20	85.35	84.17	82.83	81.62	82.58	83.82	85.18	85.92	86.10	85.92
25	86.92	86.06	85.17	83.90	82.67	81.72	82.78	84.03	85.40	85.98	86.08	85.87
Eom	86.75	85.97	84.95	83.67	82.52	81.85	83.00	84.30	85.62	86.05	86.06	85.81

1972

5	85.76	85.30	84.83	84.25	83.65	83.39	83.62	84.14	84.77	85.19	85.40	85.36
10	85.70	85.22	84.76	84.15	83.58	83.43	83.67	84.27	84.85	85.26	85.41	.....
15	85.64	85.14	84.66	84.05	83.40	83.46	83.75	84.37	84.92	85.31	85.41	.....
20	85.58	85.07	84.57	83.93	83.42	83.40	83.85	84.46	85.01	85.34	85.41	85.27
25	85.52	84.99	84.42	83.83	83.40	83.53	83.94	84.55	85.07	85.36	85.39	85.24
Eom	85.48	84.92	.....	83.71	83.38	83.58	84.05	84.67	85.13	85.38	85.39	85.18

1973

5	85.13	84.74	84.31	83.74	83.13	83.22	84.15	85.34	86.70	87.59	87.75	87.58
10	85.08	84.67	84.20	83.64	83.02	83.38	84.37	85.52	86.87	87.64	87.74	87.53
15	85.03	84.59	84.11	83.53	82.94	83.55	84.61	85.73	87.08	87.69	87.72	87.47
20	84.96	84.51	84.04	83.43	82.94	83.67	84.80	85.95	87.23	87.73	87.70	87.41
25	84.90	84.43	83.93	83.33	82.98	83.84	84.99	86.20	87.36	87.75	87.65	87.35
Eom	84.83	84.38	93.83	83.23	83.10	84.00	85.15	86.48	87.49	87.75	87.61	87.27

1974

5	87.20	86.63	86.12	85.44	84.80	85.05	.....	88.13	89.19	90.24	90.56	90.44
10	87.13	86.55	86.02	85.34	84.75	85.22	.....	88.27	89.38	90.35	90.56	90.40
15	87.08	86.45	85.90	85.23	84.73	85.44	.....	88.44	89.55	90.44	90.55	90.34
20	86.88	86.35	85.81	85.11	84.78	.....	87.36	88.63	89.74	90.49	90.53	90.29
25	86.80	86.26	85.70	85.00	84.85	.....	87.67	88.82	89.97	90.53	90.50	90.23
Eom	86.70	86.21	85.56	84.88	84.92	.....	87.96	89.02	90.12	90.55	90.46	90.15

h Tape measurement.

422438113230401. Local number 12S-26E-2accl. Gordon Hansen. Drilled irrigation water-table well in Raft Formation, diam 20 in (51 cm), reported depth 197 ft (60 m), cased to 197 ft (60 m), open bottom. Lsd 4,415.41 ft (1,345.82 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of concrete platform, west side, 1.50 ft (0.46 m) above lsd. Highest water level 17.69 ft (5.39 m) below lsd, Apr. 21, 1950; lowest 107.40 ft (32.74 m) below lsd, Sept. 19, 1969. Records available: 1950, 1952, 1957-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 25, 1971	67.14	Mar. 22, 1972	62.90	Mar. 19, 1973	62.82	Sept. 20, 1974	all 16.25
Sept. 20	8107.88	Sept. 21	8107.72	Sept. 18	102.1f	Nov. 20	98.34
Nov. 23	70.50	Nov. 2	85.51	Mar. 25, 1974	64.55		

a Well being pumped.

421755114024401. Local number 13S-21E-18bbcl. U.S. Forest Service. Drilled unused water-table well in limestone of Paleozoic age, diam 16 to 17 in (41 to 43 cm), reported depth 850 ft (259 m), 16-in (41-cm) casing 0-20 ft (0-6 m), 17-in (43-cm) casing 20-80 ft (6-24 m), bottom of casing set in concrete seal. Lsd 4,953.63 ft (1,509.87 m) above msl datum of 1929, Supplementary Adjustment of 1962. MP top of 1-in (2.5-cm) pipe flange, northwest side, 2.07 ft (0.63 m) above lsd (since Aug. 2, 1972). Highest water level 362.14 ft (110.38 m) below lsd, Apr. 19, 1961; lowest h575.34 ft (175.36 m) below lsd, Nov. 30, 1971. Records available: 1961-74. Well filled in to depth of 820.9 ft (250.2 m) on July 17, 1968. Recording gage removed Nov. 30, 1971; reinstalled May 3, 1972. Apr. 6, 1972, 572.44 (measurement made by University of Idaho Water Resources Research Institute); Apr. 19, 570.42.

421755114024401--Continued.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	566.30	565.65	565.12	563.93	562.12	562.70	565.15	568.39	571.45	.....	.....	.....
10	565.81	565.68	564.90	563.63	562.35	562.80	565.83	568.92	571.94	.....	.....	.....
15	566.33	565.25	565.03	563.17	562.00	563.25	566.36	569.33	572.35	.....	.....	.....
20	565.96	565.46	564.52	562.79	561.98	563.83	566.85	569.82	572.65	.....	.....	.....
25	566.00	565.15	564.30	562.58	562.13	564.07	567.26	570.41	571.84	572.02	571.98	571.73
Eom	565.77	564.96	564.25	562.65	562.33	564.74	567.86	570.81	.....	.....	h575.34	.....

1972

5	.....	.....	.....	570.42	568.62	567.75	568.58	.....	571.79	572.07	h571.84
10	.....	.....	.....	570.15	568.24	567.86	568.68	.....	571.02	572.02	571.98
15	.....	.....	.....	569.72	568.16	567.84	568.90	570.89	571.99	572.03	571.94
20	.....	.....	.....	569.28	568.02	567.83	569.28	571.34	571.84	572.26	571.73
25	.....	.....	.....	569.17	567.89	568.12	569.58	571.29	572.12	572.20	571.77
Eom	.....	.....	.....	568.77	567.86	568.40	569.98	571.58	572.31	572.08	571.41

1973

5	571.12	570.36	569.22	568.42	566.98	566.01	565.19	565.78	567.57	569.12	.....	.....
10	571.17	569.84	569.05	568.24	567.07	565.70	565.15	566.08	.....	569.53	.....	.....
15	570.77	570.23	569.34	568.01	566.98	565.48	565.20	566.35	568.20	569.79	.....	.....
20	570.90	570.05	568.69	567.76	566.48	565.65	565.26	566.71	568.43	569.71	.....	570.00
25	570.51	569.75	568.81	567.70	566.23	565.39	565.61	566.80	568.83	570.11	.....	.....
Eom	570.32	569.35	568.63	567.28	566.05	565.31	565.75	567.20	568.91	.....	.....	.....

e Estimated.

h Tape measurement.

421653113211101. Local number 13S-27E-19bbcl. Kunau & Pickett. Formerly Paul Rentmeister. Dug and drilled irrigation water-table well in sand and gravel of Quaternary age, diam 18 to 14 in (46 to 36 cm), reported depth 425 ft (130 m), 18-in (46-cm) casing 0-220 ft (0-67 m), 14-in (36-cm) casing 215-425 ft (66-130 m), perforated 0-425 ft (0-130 m). Lsd 4,528.08 ft (1,380.16 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of casing, west side, flush with concrete platform, 0.40 ft (0.12 m) above lsd. Highest water level 2.07 ft (0.63 m) below lsd, May 19, 1949; lowest 45.18 ft (13.77 m) below lsd, May 19, 1967. Records available: 1941-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 25, 1971	10.00	Sept. 21, 1972	10.23	Sept. 18, 1973	16.82	Nov. 20, 1974	9.68
Sept. 20	13.06	Mar. 19, 1973	8.11	Mar. 25, 1974	7.78	Sept. 20	(a)
Mar. 22, 1972	7.90						

a Well being pumped.

Clark County

440725112245301. Local number 9N-34E-11ad1. Terttel Construction Co. Drilled unused water-table well in Snake River Group (previously reported alluvial fan gravels and intercalated flows of Snake River Group); diam 4 in (10 cm); depth 192.6 ft (58.7 m); previously reported 193 ft (59 m); cased to 208 ft (63 m); previously reported 193 ft (59 m). Lsd about 4,955 ft (1,510 m) above msl datum of 1929. MP top of casing, north side, 0.40 ft (0.12 m) above lsd. Highest water level 151.78 ft (46.26 m) below lsd, May 9, 1972; lowest 156.94 ft (47.84 m) below lsd, Oct. 20, 21, 1961. Records available: 1957-74. Recording gage removed May 9, 1972.

Water level at noon, from recorder graph, 1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	153.21	153.14	153.04	152.87	152.70	152.71	152.83	152.92	152.88	.....
10	153.19	153.13	153.03	152.83	152.69	152.72	152.81	152.92	152.86	.....
15	153.17	153.12	153.01	152.79	152.68	152.72	152.90	152.91	152.82	.....
20	153.16	153.10	152.98	152.76	152.68	152.70	152.75	152.92	152.91	.....
25	153.23	153.16	153.08	152.95	152.73	152.69	152.77	152.90	152.91	152.89	.....
Eom	153.14	153.06	152.90	152.71	152.70	152.82	152.90	152.89	152.88	.....

1972

5	.....	.....	151.94	151.81	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	151.92	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	h152.02	151.89	.....	.....	.....	.....	.....	.....	.....	.....
20	152.31	.....	152.01	151.87	.....	.....	.....	.....	.....	.....	.....	.....
25	152.25	.....	151.98	151.84	.....	.....	.....	.....	.....	.....	.....	.....
Eom	.....	.....	151.96	151.83	.....	.....	.....	.....	.....	.....	.....	.....

h Tape measurement.

440725112245301--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 9, 1972	151.78	Jan. 12, 1973	152.51	Dec. 4, 1973	153.02	July 26, 1974	152.70
June 6	151.98	Mar. 16	152.18	Feb. 20, 1974	152.55	Sept. 17	154.74
Aug. 15	152.34	May 24	151.81	Mar. 28	152.46	Oct. 30	154.10
Sept. 22	152.82	July 23	152.12	May 8	152.26	Dec. 9	153.93
Nov. 28	152.82	Sept. 19	152.91				

Elmore County

432453115561601. Local number 1N-4E-23aab1. James O. Beck. Drilled unused (previously reported irrigation) water-table well in sand and gravel (previously reported alluvial sand) of Quaternary age, diam 18 in (46 cm), depth 68.1 ft (20.8 m), cased to 68 ft (21 m), perforated 25-42 ft (8-13 m), 50-65 ft (15-20 m), gravel packed. Lsd about 3,500 ft (1,067 m) above msl datum of 1929. MP hole in pumpbase, southwest side, 1.05 ft (0.32 m) above lsd. Highest water level 20.30 ft (6.19 m) below lsd, Mar. 13, 1972; lowest 32.45 ft (9.89 m) below lsd, May 29, 1959. Records available: 1947-51, 1954-74.

Mar. 17, 1971	23.43	Mar. 13, 1972	20.30	Mar. 20, 1973	22.12	Mar. 5, 1974	21.45
Sept. 14	23.30	Sept. 11	21.15	Sept. 12	22.33	Sept. 10	21.39

431242115485501. Local number 2S-5E-3fbabb1. Domingo Aguirre, Jr. Drilled unused water-table well in Snake River Group; diam 6 in (15 cm); depth 356.9 ft (108.8 m), previously reported 357 ft (109 m); cased to 50 ft (15 m). Lsd about 3,190 ft (972 m), previously reported 3,180 ft (969 m), above msl datum of 1929. MP top of casing, northeast side, 2.00 ft (0.61 m) above lsd. Highest water level 282.42 ft (86.08 m) below lsd, Nov. 20, 1974; lowest 285.95 ft (87.16 m) below lsd, May 28, 1965, Feb. 28, 1970. Records available: 1960-74. Recording gage removed Nov. 15, 1971.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	285.56	285.27	285.31	285.25	284.97	285.16	285.05	285.02	284.89	285.18	285.10	.....
10	285.10	285.27	285.17	285.21	285.26	284.97	285.26	284.96	285.03	284.92	.....
15	285.45	285.09	285.35	285.01	285.07	285.14	285.02	284.97	285.02	284.66	284.90	.....
20	285.42	285.27	285.18	284.87	285.07	285.17	285.05	284.93	284.90	284.95	.....	.....
25	285.40	285.15	285.04	284.92	284.99	285.00	284.99	285.02	284.73	284.95	.....	.....
Eom	285.31	285.01	285.33	285.16	285.07	285.18	285.03	284.86	284.69	284.94	.....	.....

h Tape measurement.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3, 1972	284.99	Nov. 13, 1972	283.78	Sept. 12, 1973	283.04	June 5, 1974	282.69
Mar. 13	285.31	Jan. 15, 1973	283.59	Nov. 29	283.07	July 8	282.62
May 18	284.30	Mar. 19	283.40	Jan. 14, 1974	282.90	Sept. 9	282.63
July 18	284.10	May 24	283.16	Mar. 5	282.74	Nov. 20	282.42
Sept. 11	284.02	July 11	283.32	Apr. 30	282.86	Dec. 18	282.48

Fremont County

435811111425001. Local number 7N-40E-2bbbl. State of Idaho. Drilled institutional water-table well in Snake River Group, diam 10 in (25 cm), depth 224.0 ft (68.3 m), cased to 40 ft (12 m). Lsd 4,048.54 ft (1,508.31 m) above msl datum of 1929. MP top of pipe coupling in casing cover, 0.70 ft (0.21 m) above lsd. Highest water level 111.48 ft (33.98 m) below lsd, Sept. 14, 1972; lowest 122.93 ft (37.47 m) below lsd, Apr. 15, 1962. Records available: 1958-74.

Feb. 19, 1971	118.34	June 30, 1971	a138.09	Mar. 20, 1972	118.81	Sept. 13, 1973	a136.11
Mar. 23	b119.97	July 29	a136.00	Apr. 26	a137.43	Mar. 8, 1974	118.48
Apr. 30	121.29	Aug. 30	112.52	Sept. 14	111.48	Sept. 13	111.63
June 3	a137.32	Sept. 20	a134.12	Mar. 19, 1973	a139.99		

a Well being pumped.

b Well pumped recently.

Gem County

435430116322301. Local number 7N-2W-35abbl. R. J. Howard. Dug domestic water-table well in sand and gravel of Quaternary age, diam 36 in (91 cm), depth 99.8 ft (30.4 m), concrete casing, casing depth not available. Lsd about 2,451 ft (747 m) above msl datum of 1929. MP top of inner edge of wooden curb, north side, 0.50 ft (0.15 m) above lsd. Highest water level 67.5 ft (20.6 m) below lsd, Oct. 12-18, Dec. 5, 1961; lowest 83.8 ft (25.5 m) below lsd, May 20, June 10, 1964. Records available: 1941-42, 1948-74. Water level influenced by local irrigation.

435430116322301--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 13, 1971	71.96	Jan. 14, 1972	72.94	Mar. 14, 1973	76.43	Apr. 10, 1974	76.22
Mar. 16	74.69	Mar. 13	75.52	May 7	77.86	May 22	77.65
Apr. 27	76.61	May 17	77.87	July 10	76.48	July 11	76.28
May 11	77.11	July 13	76.71	Sept. 13	71.48	Aug. 20	72.78
June 24	76.64	Sept. 27	72.49	Nov. 28	70.86	Oct. 2	70.80
July 12	b75.94	Nov. 8	73.31	Jan. 23, 1974	72.94	Dec. 30	70.15
Sept. 21	70.94	Jan. 10, 1973	73.53	Mar. 7	74.62	Dec. 10	71.33
Dec. 3	71.38						

b Well pumped recently.

Gooding County

425635114382701. Local number 5S-15E-35dbcl. Tom H. Gooding. Drilled domestic and stock water-table well in Snake River Group, diam 6 in (15 cm), depth 184.5 ft (56.2 m), cased to 20 ft (6 m). Lsd 3,627.31 ft (1,105.60 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1961. MP top of $\frac{1}{2}$ -in (1.3-cm) pipe coupling on north side of steel plate over casing, 0.85 ft (0.26 m) below lsd. Highest water level 121.03 ft (36.89 m) below lsd, Sept. 23, 1971; lowest 149.59 ft (45.60 m) below lsd, Apr. 17, 1962. Records available: 1949-72. Well destroyed; measurement discontinued.

Jan. 25, 1971	133.74	May 17, 1971	132.78	Sept. 23, 1971	121.03	Jan. 27, 1972	129.33
Feb. 22	134.31	June 23	127.43	Oct. 18	121.29	Mar. 24	b131.75
Mar. 26	135.53	July 26	124.57	Nov. 29	125.45	Apr. 20	132.70
Apr. 21	134.73	Aug. 20	122.61	Jan. 3, 1972	128.01		

b Well pumped recently.

425130114502301. Local number 6S-14E-31acls. R. H. Lower. Formerly J. A. Thomsen. Drilled commercial and domestic (previously reported domestic and public-supply) water-table well in Snake River Group, diam 6 in (15 cm), depth 167.0 ft (50.9 m), cased to 10 ft (3 m). Lsd 3,304.07 ft (1,007.08 m) above msl datum of 1929 (preliminary). MP top of $\frac{1}{2}$ -in (1.3-cm) hole in well seal, southwest side, 5.78 ft (1.76 m) below lsd (since Jan. 18, 1973). Highest water level 138.58 ft (42.24 m) below lsd, Sept. 22, 1953; lowest 147.63 ft (45.00 m) below lsd, Mar. 25, 1950. Records available: 1949-73. Measurement discontinued.

Jan. 25, 1971	142.37	Sept. 29, 1971	138.72	Mar. 25, 1972	144.18	Sept. 29, 1972	138.80
Mar. 22	144.95	Oct. 5	139.08	May 26	143.53	Nov. 22	139.86
May 17	144.65	Dec. 2	140.39	July 20	141.10	Jan. 18, 1973	142.10
July 19	141.98	Jan. 3, 1972	141.97				

424838114461701. Local number 7S-14E-23aaal. Francis R. Hulet. Drilled domestic (previously reported unused) water-table well in Snake River Group, diam 5 in (13 cm), depth 151.5 ft (46.2 m), previously reported 152 ft (46 m); casing depth not available. Lsd 3,388.18 ft (1,032.72 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of $\frac{1}{2}$ -in (1.3-cm) hole in well seal, west side, at lsd. Highest water level 131.26 ft (40.01 m) below lsd, Oct. 21, 1952; lowest 143.68 ft (43.79 m) below lsd, May 21, 1962. Records available: 1951-73. Measurement discontinued.

Jan. 25, 1971	137.95	May 17, 1971	140.35	Oct. 5, 1971	133.18	Sept. 29, 1972	132.70
Mar. 22	140.02	July 19	137.24	Mar. 25, 1972	b139.20	Mar. 23, 1973	139.03

b Well pumped recently.

424353114494701. Local number 8S-14E-16ccbl. Sand Springs Ranch. Drilled unused water-table well in Snake River Group, diam 6 in (15 cm), depth 53.0 ft (16.2 m), galvanized iron casing to basalt bedrock, cased to 50 ft (15 m) with 5-in (13-cm) aluminum pipe. Lsd 3,175.27 ft (967.82 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of 5-in (13-cm) aluminum casing flange, west side, 1.00 ft (0.30 m) above lsd. Highest water level 36.50 ft (11.13 m) below lsd, Sept. 23, 1953; lowest 40.38 ft (12.31 m) below lsd, May 11, 12, 1962. Records available: 1951-74. Recording gage removed Aug. 10, 1971.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	38.96	39.25	39.55	39.50	39.10	38.57	38.17	.....	.....	.....	.....
10	.....	39.04	39.29	39.58	39.53	39.06	38.58	.....	.....	.....	.....	.....
15	.....	39.07	39.33	39.68	39.39	38.95	38.60	.....	.....	.....	.....	.....
20	.....	39.11	39.40	39.70	39.38	38.80	38.41	.....	.....	.....	.....	.....
25	b38.88	39.15	39.42	39.58	39.18	39.83	39.48	.....	.....	.....	.....	.....
Eom	38.93	39.17	39.47	39.55	39.12	38.68	38.32	.....	.....	.....	.....	.....

b Tape measurement.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 10, 1971	38.13	July 20, 1972	38.33	July 19, 1973	38.55	Apr. 27, 1974	39.64
Sept. 29	37.88	Sept. 28	37.20	Sept. 19	37.58	June 2	39.35
Dec. 2	38.02	Nov. 22	37.84	Dec. 21	38.38	July 25	38.94
Jan. 3, 1972	38.48	Jan. 17, 1973	38.49	Feb. 2, 1974	38.83	Sept. 18	37.97
Mar. 24	39.18	Mar. 23	39.13	Mar. 14	39.26	Oct. 18	37.69
May 26	39.03	May 16	39.41	Apr. 12	39.47	Dec. 4	38.09

424053114480301. Local number 9S-14E-3baal. George Van Noy. Drilled domestic and stock water-table well in Snake River Group, diam 6 in (15 cm), depth 99.0 ft (30.2 m), cased to bedrock. lsd 3,203.24 ft (976.35 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of casing, 0.70 ft (0.21 m) above lsd. Highest water level 69.68 ft (21.24 m) below lsd, Oct. 16, 1956; lowest 74.56 ft (22.73 m) below lsd, Mar. 17, 1962. Records available: 1929, 1951-74. Well filled in to depth of 93.5 ft (28.5 m) on Mar. 24, 1972.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25, 1971	73.03	Mar. 24, 1972	73.49	May 16, 1973	73.36	Apr. 12, 1974	73.89
Mar. 22	73.78	May 26	72.82	July 19	71.81	June 2	73.27
May 17	73.59	July 20	71.50	Sept. 19	70.70	July 25	73.20
July 19	71.91	Sept. 28	70.17	Dec. 21	72.19	Sept. 14	71.10
Oct. 5	70.50	Nov. 22	71.33	Feb. 2, 1974	72.98	Oct. 18	71.12
Dec. 2	71.61	Jan. 17, 1973	72.46	Mar. 14	73.59	Dec. 4	71.79
Jan. 3, 1972	72.40	Mar. 23	73.47				

423920114371501. Local number 9S-16E-7dcal. Formerly 9S-16E-7ddal. A. L. Robison. Drilled domestic and stock water-table well in Snake River Group, diam 6 in (15 cm), depth 128.0 ft (39.0 m), cased to 32 ft (10 m). Lsd 3,447.50 ft (1,050.80 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of 4-in (1.3-cm) hole in well seal, 4.56 ft (1.39 m) below lsd (since July 19, 1971). Highest water level 91.34 ft (27.84 m) below lsd, Sept. 22, 1958; lowest 114.38 ft (34.86 m) below lsd, Jan. 8, 1952. Records available: 1949-74.

Jan. 26, 1971	109.49	Oct. 5, 1971	97.89	Mar. 23, 1973	111.84	Mar. 14, 1974	113.54
Mar. 22	111.65	Mar. 24, 1972	111.54	May 18	94.24	Apr. 10	112.52
May 17	103.78	Sept. 29	97.61	Sept. 19	96.35	Sept. 14	95.57
July 19	99.70	Nov. 22	106.10				

Jefferson County

434657112282201. Local number 5N-34E-9bdal. U.S. Geol. Survey. Drilled observation water-table well in Snake River Group; diam 6 to 4 in (15 to 10 cm); depth 553 ft (169 m); cased to 320 ft (98 m). Previously reported 322 ft (98 m); perforated 285-315 ft (87-96 m); open hole 320-553 ft (98-169 m). Lsd 4,791.28 ft (1,460.38 m) above msl datum of 1929 (preliminary). MP painted cross in top of 6-in (15-cm) casing, northwest side (previously reported southwest side), 1.76 ft (0.54 m) above lsd. Highest water level 252.00 ft (76.81 m) below lsd, Feb. 11, 12, 1973; lowest 260.62 ft (79.44 m) below lsd, Sept. 2, 1964. Records available: 1950-74. Well filled in to depth of 434 ft (132 m) on Jan. 12, 1962. Water levels affected by barometric pressure.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	254.65	254.86	255.83	257.08	258.15	257.82	257.04	255.50	254.15
10	254.08	.....	.....	254.49	255.24	255.89	257.30	258.16	257.74	256.77	255.34	253.93
15	254.39	253.87	253.48	254.49	255.20	256.17	257.57	258.12	257.63	256.26	255.05	253.83
20	254.15	.....	e254.28	254.50	255.34	256.49	257.74	258.10	257.46	256.22	254.97	253.75
25	254.24	.....	e254.16	254.67	255.47	256.63	257.84	258.05	257.06	255.92	254.63	253.58
Eom	254.17	e253.82	254.40	254.95	255.63	256.93	258.00	257.83	256.88	255.58	254.48	253.75

1972

5	253.66	253.12	253.39	253.57	254.20	255.18	256.69	257.51	256.96	256.15	254.55	.....
10	253.35	253.33	253.37	253.66	254.33	255.32	256.83	257.49	256.93	255.80	254.42	.....
15	253.67	253.18	253.57	253.82	254.41	255.67	257.06	257.50	256.83	255.65	254.10	.....
20	253.31	253.29	253.52	253.93	254.41	255.97	257.15	257.42	256.73	255.25	254.05	253.20
25	.....	253.30	253.35	253.93	254.67	256.03	257.20	257.34	256.42	255.18	253.98	253.18
Eom	253.09	253.07	253.63	254.25	254.96	256.44	257.40	257.21	256.32	254.99	253.78	252.87

1973

5	252.67	252.40	252.30	252.80	253.33	254.49	255.85	256.84	256.77	255.73	254.28	253.30
10	252.71	252.20	252.35	252.96	253.51	254.60	256.25	256.85	256.67	255.50	254.24	253.21
15	252.54	252.52	252.61	253.00	253.85	254.89	256.45	256.96	256.49	255.38	253.96	253.16
20	252.51	252.62	252.43	252.97	253.71	255.26	256.50	256.98	256.25	255.00	253.60	252.99
25	252.38	252.51	252.65	253.24	253.80	255.35	256.60	256.83	256.12	254.91	253.20	252.67
Eom	252.32	252.32	252.65	253.20	254.17	255.53	256.83	256.73	255.94	254.40	253.35	252.61

1974

5	252.35	252.32	252.35	253.03	253.79	256.82	256.45	.....	257.61	256.85	255.35	254.05
10	252.37	252.55	252.55	252.94	253.75	255.02	256.70	.....	257.42	256.64	255.14	.....
15	252.35	252.50	252.71	253.30	253.81	255.25	256.99	.....	257.50	256.57	254.92	.....
20	252.28	252.43	252.82	253.29	254.10	255.67	257.44	.....	257.40	256.12	254.72	253.51
25	252.19	252.59	252.74	253.43	254.41	255.92	257.44	.....	257.29	256.07	254.30	253.48
Eom	252.17	252.38	252.75	253.63	254.61	256.28	257.67	257.11	255.45	254.31	253.50	.....

e Estimated.

434447112133401. Local number 5N-36E-21dacl. U.S. Geol. Survey. Drilled observation (previously reported exploratory) water-table well in Snake River Group, diam 6 in (15 cm), depth 299.5 ft (91.3 m), previously reported 300 ft (91 m); cased to 103 ft (31 m). Lsd 4,800.94 ft (1,463.33 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 252.25 ft (76.89 m) below lsd, Dec. 20, 1974; lowest 263.05 ft (80.18 m) below lsd, June 22, 1962. Records available: 1960-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 2, 1971	253.40	Mar. 16, 1972	253.53	May 24, 1973	253.65	Mar. 14, 1974	254.61
Mar. 22	254.43	June 6	256.61	June 27	255.76	May 15	256.57
May 23	256.33	Aug. 11	256.69	July 23	257.94	Aug. 2	257.75
July 24	258.83	Sept. 21	256.64	Sept. 20	256.59	Sept. 27	256.90
Sept. 24	257.18	Dec. 26	256.20	Nov. 27	253.81	Nov. 1	254.58
Feb. 16, 1972	253.03	Apr. 10, 1973	252.63	Jan. 23, 1974	252.72	Dec. 20	252.25

434458112120701. Local number 5N-36E-23cbb1. George Lake. Dug stock and domestic water-table well in sand of Quaternary age; diam 36 in (91 cm); depth 28.7 ft (8.8 m), previously reported 29 ft (9 m); cribbed with stone to 29 ft (9 m). Lsd 4,761.66 ft (1,451.35 m) above msl datum of 1929. MP top of concrete curbing, south side, 0.94 ft (0.29 m) above lsd. Highest water level 3.45 ft (1.05 m) below lsd, Oct. 26, 1960; lowest 20.0 ft (6.1 m) below lsd, Nov. 7, 1929. Records available: 1922, 1929, 1940-57, 1959-71 (revised). Measurement discontinued. Feb. 2, 1971, 15.10; Mar. 22, 16.12; May 23, 16.96; July 24, 6.97.

434933112122701. Local number 6N-36E-27baal. U.S. Geol. Survey. Drilled observation (previously reported exploratory) water-table well in Snake River Group, diam 8 in (20 cm), depth 227.5 ft (69.3 m), cased to 8 ft (2 m). Lsd 4,884.31 ft (1,488.74 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of 8-in (20-cm) casing, north side, 1.00 ft (0.30 m) above lsd. Highest water level 180.95 ft (55.15 m) below lsd, Mar. 18, 1974; lowest 184.39 ft (56.20 m) below lsd, June 14, 1961. Records available: 1960-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 2, 1971	182.30	July 24, 1971	182.70	Mar. 16, 1972	181.68	Mar. 18, 1974	180.95
Mar. 22	182.36	Sept. 8	182.23	Sept. 21	181.92	May 28	182.64
May 23	182.62	24	181.98	Mar. 14, 1973	181.66	Oct. 24	182.48

435728112281101. Local number 7N-34E-4cdcl. U.S. Bureau of Land Management. Formerly U.S. Government. Drilled observation water-table well in Snake River Group, diam 6 in (15 cm), depth 57.3 ft (17.5 m), cased to 41 ft (13 m). Lsd 4,791.76 ft (1,460.53 m) above msl datum of 1929. MP top of 6½-in (16-cm) casing, northeast side, at lsd. Highest water level 2.55 ft (0.78 m) below lsd, May 2, 1956; lowest 30.50 ft (9.30 m) below lsd, Aug. 13, 1961. Records available: 1956-74. Well filled in to depth of 51.2 ft (15.6 m) on Oct. 1, 1972. Recording gage removed Aug. 19, 1971.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Date	Water level	Date	Water level	Date	Water level	Date	Water level	Date	Water level	Date	Water level	Date
5	8.70	7.33	6.10	4.87	4.36	10.00	11.98	19.88	.....	.....	.....	.....
10	8.06	6.92	5.86	4.64	5.82	11.21	14.57	20.48	.....	.....	.....	.....
15	8.20	6.58	5.59	4.51	7.06	12.88	.....	20.68	.....	.....	.....	.....
20	7.72	6.60	5.21	4.46	8.98	14.28	.....	.....	.....	.....	.....	.....
25	7.89	6.29	5.00	4.43	9.89	15.30	18.48	.....	.....	.....	.....	.....
Eom	7.36	6.12	4.99	4.48	10.90	14.75	19.27	.....	.....	.....	.....	.....
Date	Water level	Date	Water level	Date	Water level	Date	Water level	Date	Water level	Date	Water level	Date
Sept. 23, 1971	13.62	Nov. 22, 1972	10.38	Aug. 10, 1973	17.85	May 15, 1974	8.77					
Apr. 25, 1972	3.47	Mar. 12, 1973	4.64	Sept. 20	14.02	Aug. 5	23.80					
June 6	12.65	May 24	8.17	Nov. 23	10.13	Sept. 25	20.70					
Aug. 11	21.30	June 21	15.20	Feb. 1, 1974	6.10	Nov. 1	17.50					
Sept. 15	16.69	July 19	16.35	Mar. 18	4.59	Dec. 17	11.35					

435504112222301. Local number 7N-35E-20cbdl. Idaho Department of Fish and Game. Drilled observation water-table well in Snake River Group; diam 12 in (30 cm); depth 65.9 ft (20.1 m), previously reported 66 ft (20 m); cased to 66 ft (20 m); perforated 55-65 ft (17-20 m). Lsd 4,818.15 ft (1,458.57 m) above msl datum of 1929. MP top of 12-in (30-cm) casing, northeast side, 2.00 ft (0.61 m) above lsd. Highest water level 30.87 ft (9.41 m) below lsd, May 4, 1972; lowest dry at 57.95 ft (17.66 m) below lsd, Sept. 8-17, 1961. Records available: 1955-74.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	37.25	35.34	34.04	32.98	32.08	32.76	34.79	37.81	42.76	42.76	38.76	36.36
10	36.25	35.12	33.83	32.73	32.12	32.96	35.18	39.08	43.15	41.64	38.27	36.04
15	36.60	34.77	33.63	32.69	32.03	33.27	35.52	40.42	43.24	40.80	39.97	35.74
20	36.20	34.63	33.37	32.45	32.06	33.62	35.84	41.86	45.40	40.30	37.63	35.42
25	35.92	34.33	33.17	32.33	32.21	33.96	36.19	42.95	45.46	39.67	37.19	35.11
Eom	35.64	34.16	33.10	32.29	32.50	34.40	37.06	42.86	43.51	39.14	36.77	34.87
1972												
5	34.58	33.06	32.12	31.35	30.91	32.34	37.79	44.57	49.24	43.80	40.60	38.00
10	34.26	32.95	31.94	31.26	30.90	32.66	39.13	45.48	49.49	43.10	40.16	37.82
15	34.18	32.74	31.88	31.23	31.01	33.09	42.06	46.22	48.09	42.36	39.67	37.43
20	33.80	32.57	31.75	31.13	31.23	33.48	41.32	47.02	46.65	42.00	39.18	37.00
25	33.51	32.43	31.53	31.03	31.56	34.74	42.06	47.85	45.48	41.59	39.82	37.57
Eom	33.27	....	31.49	31.03	31.96	36.30	43.59	46.71	44.69	41.09	38.45	36.20
1973												
5	....	34.07	32.91	31.86	31.27	32.00	36.33	43.49	42.80	40.52	42.26	38.25
10	....	33.75	32.77	31.85	31.24	32.31	37.92	41.13	42.44	40.21	41.31	37.82
15	....	33.70	32.70	31.73	31.25	32.67	39.36	44.42	42.04	40.55	40.52	37.43
20	....	33.50	32.30	31.97	31.13	33.12	40.63	44.51	41.64	40.98	39.82	37.00
25	....	33.29	32.29	31.52	31.23	33.85	41.54	43.72	41.26	42.08	39.14	36.57
Eom	34.30	33.10	32.07	31.37	31.57	34.84	42.61	43.10	40.87	43.02	38.71	36.20
1974												
5	35.81	34.15	32.92	32.16	31.56	32.81	39.25	46.51	51.09	51.75	47.36	42.51
10	35.53	33.96	32.81	31.94	31.49	33.24	40.72	47.55	51.42	51.24	46.37	41.91
15	35.23	33.72	32.72	31.91	31.55	33.62	42.00	48.52	51.70	51.08	45.48	41.34
20	34.92	33.54	32.62	31.77	31.84	34.58	43.17	49.33	52.11	50.91	44.66	40.70
25	34.63	33.32	32.40	31.71	32.17	36.16	44.26	50.01	52.50	50.25	43.84	40.23
Eom	34.33	33.13	32.22	31.63	32.52	37.77	45.47	50.58	52.15	48.55	43.20	39.72

435402112065001. Local number 7H-37E-28cndl. U.S. Geol. Survey. Drilled observation (previously reported exploratory) water-table well in Snake River Group, diam 6 in (15 cm), depth 135.0 ft (41.2 m), cased to 103 ft (31 m). Lsd 4,848.92 ft (1,477.35 m) above msl datum of 1929. MP top of 1 $\frac{1}{2}$ -in (3.2-cm) pipe coupling in well seal, 0.70 ft (0.21 m) above lsd. Highest water level 61.28 ft (18.68 m) below lsd, Apr. 24, 1973; lowest 65.09 ft (19.54 m) below lsd, Sept. 22, 1961. Records available: 1960-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 3, 1971	62.64	Mar. 31, 1972	61.34	Apr. 24, 1973	61.28	Mar. 28, 1974	62.10
Mar. 34	62.63	June 5	62.34	May 24	61.97	May 15	62.06
May 23	61.51	Aug. 14	62.59	June 22	62.23	Aug. 15	63.30
July 24	62.65	Sept. 19	62.25	July 3	62.54	Sept. 18	63.15
Sept. 8	62.61	Nov. 27	61.72	Sept. 17	62.53	Nov. 13	62.52
23	62.14	Feb. 14, 1973	61.97	Nov. 23	61.89	Dec. 20	62.25
Jan. 17, 1972	61.67						

Jerome County

425100114302701. Local number 7C-17E-facial. U.S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group, diam 6 in (15 cm), depth 345.1 ft (105.2 m), cased to 345 ft (105 m), perforated 322-345 ft (98-105 m), open bottom. Lsd 3,879.61 ft (1,182.51 m) above msl datum of 1929. MP top of 6-in (15-cm) casing, northeast side, 1.10 ft (0.34 m) above lsd. Highest water level 307.77 ft (93.91 m) below lsd, Nov. 27, 1972; lowest 317.18 ft (96.58 m) below lsd, June 4, 1964. Records available: 1963-74. Recording gage removed Aug. 17, 1971.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	311.01	311.60	312.54	313.50	314.04	315.40	314.44	313.05	...	...	...	...
10	310.92	311.32	312.63	313.62	314.77	315.18	314.30	312.79	...	...	...	...
15	311.21	311.91	312.81	313.63	315.10	315.11	314.13	312.58	...	...	...	...
20	...	312.13	312.92	313.61	315.29	...	314.04	...	...	...	...	...
25	...	312.26	n313.05	313.80	315.33	314.85	313.73	...	...	...	...	...
Eom	311.47	312.24	313.32	314.01	315.46	314.64	313.37	...	...	...	...	...

h Tape measurement.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 28, 1971	310.70	Sept. 17, 1972	308.48	Sept. 21, 1973	308.76	May 15, 1974	314.08
Dec. 1	308.91	Nov. 27	307.77	Dec. 3	308.70	June 27	314.22
Jan. 4, 1972	309.45	Jan. 22, 1973	309.14	Jan. 14, 1974	309.76	July 30	313.04
Mar. 23	311.40	Mar. 20	310.58	Feb. 26	311.05	Sept. 20	310.22
May 25	313.69	May 17	313.00	Apr. 2	312.03	Nov. 7	308.45
July 17	312.39	July 19	312.56	11	312.43	Dec. 14	308.89

425241114150001. Local number 8S-19E-5dab1. U.S. Bureau of Reclamation. Drilled observation (previously reported test) water-table well in Snake River Group; diam 21 to 16 in (53 to 41 cm); depth 320.1 ft (100.3 m); 21 $\frac{1}{2}$ -in (53-cm) casing 0.4 ft (0.1 m) previously reported 0.5 ft (0.2 m); 16 $\frac{1}{2}$ -in (41-cm) casing 197-277 ft (60-84 m) previously reported 145-225 ft (44-69 m); concrete seal at 272 ft (83 m). Lsd 4,075.54 ft (1,242.22 m) above msl datum of 1929 (preliminary). MP top of 2-in (5.1-cm) pipe coupling, northeast side, 1.17 ft (0.36 m) above lsd (since Aug. 13, 1971). Highest water level 257.71 ft (78.55 m) below lsd, Oct. 7, 1957; lowest 275.99 ft (84.12 m) below lsd, May 24, 1962, May 11, 1964. Records available: 1967-74. Recording gage removed Aug. 13, 1971.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	270.99	271.64	272.35	273.27	275.02	271.92	270.47	268.88	...	...	...	...
10	270.82	271.87	272.49	273.32	273.09	271.69	270.23	268.76	...	...	...	...
15	271.23	271.84	272.68	273.33	272.81	271.38	270.38	269.71	...	...	...	...
20	271.39	272.06	272.76	273.22	272.61	271.20	270.88	269.41	...	...	...	...
25	271.43	272.07	272.81	273.27	272.40	270.88	269.41	268.88	...	...	...	...
Eom	271.57	272.08	273.07	273.34	272.15	270.70	269.12	268.88	...	...	...	...

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 18, 1971	267.13	July 18, 1972	267.18	Dec. 3, 1973	266.13	May 30, 1974	269.71
Nov. 30	267.78	Jan. 22, 1973	267.28	Jan. 29, 1974	268.31	Sept. 9	263.98
Jan. 4, 1972	268.69	Mar. 26	268.79	Mar. 11	269.46	Oct. 17	266.38
Mar. 22	270.13	July 16	266.07	Apr. 23	270.38	Dec. 7	267.08
May 25	269.73	Sept. 14	265.00				

42558114191901. Local number 9S-18E-35ccal. Murdo MacLeod. Drilled unused water-table well in Snake River Group; diam 6 in (15 cm), previously reported 4 in (10 cm); depth 176.0 ft (53.6 m); cased to 44 ft (13 m). Lsd 3,818.26 ft (1,163.81 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP bottom edge of notch in casing, east side, 12.30 ft (3.75 m) below lsd. Highest water level 127.34 ft (38.81 m) below lsd, Oct. 22, 1952; lowest 145.28 ft (44.28 m) below lsd, Mar. 14, 1962. Records available: 1949-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1971	139.30	Sept. 28, 1971	135.74	July 19, 1972	137.12	Sept. 14, 1973	133.43
Mar. 22	141.44	Mar. 23, 1972	138.64	Sept. 25	133.36	Mar. 12, 1974	139.03
May 19	143.22	May 25	140.22	Mar. 20, 1973	139.23	Sept. 9	137.22
July 21	139.02						

424039114103201. Local number 9S-19E-labal. Kenneth C. Beem. Formerly William McClymonds. Drilled domestic and stock water-table well in Snake River Group, diam 6 in (15 cm), reported depth 225 ft (69 m), cased to 92 ft (28 m). Lsd 4,027.92 ft (1,227.71 m), previously reported 4,027.98 ft (1,227.73 m), above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of 8-in (6.4-m) hole in well seal, south side, 0.66 ft (0.20 m) above lsd. Highest water level 181.20 ft (55.23 m) below lsd, Sept. 29, 1953; lowest 204.22 ft (62.19 m) below lsd, May 20, 1964. Records available: 1948-73. Measurement discontinued Mar. 22, 1973.

Jan. 27, 1971	200.11	July 21, 1971	198.53	Jan. 4, 1972	198.68	Dec. 6, 1972	194.10
Mar. 24	201.24	Oct. 6	196.14	July 17	195.93	Jan. 22, 1973	195.86
May 19	201.43	Dec. 1	196.52	Sept. 27	193.68	Mar. 22	190.36

J Obstruction in well above water surface.

423659114111601. Local number 9S-19E-25bc1. U.S. Bureau of Reclamation. Drilled observation (previously reported test) water-table well in Snake River Group; diam 6 in (41 cm) previously reported 21 to 16 in (53 to 41 cm); depth 207.6 ft (63.3 m), previously reported 210 ft (64 m); cased to 134 ft (41 m) previously reported 136 ft (40 m); perforated 114-134 ft (35-41 m) previously reported 116-136 ft (35-41 m). Lsd 3,932.37 ft (1,198.59 m) above msl datum of 1929 (preliminary). MP top of 16-in (41-cm) casing, south side (previously reported north side), 2.00 ft (0.61 m) above lsd. Highest water level 101.06 ft (30.80 m) below lsd, Oct. 1, 1957; lowest 123.70 ft (37.70 m) below lsd, Apr. 20, 1964. Records available: 1957-74.

Jan. 27, 1971	119.64	Jan. 4, 1972	116.53	Nov. 27, 1972	112.28	Oct. 30, 1973	112.34
Feb. 22	120.42	Feb. 27	117.20	Jan. 22, 1973	114.97	Dec. 3	113.31
Mar. 24	121.49	Feb. 18	118.08	Feb. 15	115.95	Jan. 29, 1974	116.08
Apr. 19	121.73	Mar. 22	118.85	Mar. 22	117.01	Mar. 12	117.69
May 19	121.11	Apr. 24	119.07	Apr. 19	117.46	Apr. 23	118.33
June 21	119.49	May 25	118.39	May 10	116.74	May 30	117.78
July 21	118.17	June 23	116.55	June 21	115.28	July 23	115.15
Aug. 18	116.63	July 18	115.09	July 16	113.98	Sept. 9	113.18
Sept. 28	114.33	Aug. 24	113.06	Aug. 16	112.65	Oct. 17	113.26
Oct. 18	113.93	Sept. 25	111.67	Sept. 14	111.72	Dec. 7	114.32
Nov. 30	114.81	Oct. 27	111.43				

424016114025801. Local number 9S-20E-1daal. U.S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group; diam 8 to 6 in (20 to 15 cm); depth 400.0 ft (121.9 m); 8-in (20-cm) casing 0-11 ft (0-3 m), previously reported 0-12 ft (0-4 m); perforated 6-in (15-cm) casing liner 340-400 ft (104-122 m). Lsd 4,211.31 ft (1,283.61 m), previously reported 4,211.27 ft (1,283.60 m), above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of casing, east side, 1.70 ft (0.52 m) above lsd. Highest water level 342.0 ft (104.2 m) below lsd, Sept. 30, Oct. 1, 1953; lowest 368.00 ft (112.17 m) below lsd, May 23, 1964, May 28, 1969. Records available: 1950-71. Measurement discontinued. All measurements made by U.S. Bureau of Reclamation.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	365.39	365.25	364.57	363.85	363.30	362.17	.....	360.72	.....
10	365.56	365.27	364.36	363.82	363.10	362.00	361.04	.....	.....
15	365.50	365.06	364.25	363.75	362.92	361.80	360.71	.....	.....
20	365.39	365.06	364.25	363.71	362.67	361.75	360.72	.....	.....
25	364.44	b365.10	365.43	364.99	.....	363.61	362.56	361.45	360.62	.....	.....
Eom	365.36	365.47	364.74	364.02	363.48	.....	.....	360.62	.....	.....

h Tape measurement.

Kootenai County

474536116525201. Local number 5LN-4W-18dccl. Clarence Feely. Drilled unused water-table well in fluvio-glacial sand and gravel of Quaternary age (previously reported Pleistocene age), diam 6 in (15 cm), depth 275.0 ft (83.8 m), cased to 275 ft (84 m). Lsd 2,260.71 ft (689.06 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of guide pipe above well casing, 3.56 ft (1.09 m) above lsd. Highest water level 244.52 ft (74.53 m) below lsd, Oct. 25, 1957; lowest dry at 275.0 ft (83.8 m) below lsd, Nov. 28, 1941. Records available: 1941, 1948-74. Well filled in to depth of 265.80 ft (80.02 m) on Mar. 1, 1974.

474536116525201--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 21, 1971	261.13	Feb. 23, 1972	261.81	Feb. 20, 1973	258.72	Mar. 1, 1974	259.28
Feb. 22	261.56	Mar. 21	261.78	Mar. 22	259.25	Feb. 26	257.97
Mar. 18	261.52	Apr. 21	259.56	Apr. 25	260.30	May 2	255.74
Apr. 22	261.61	May 23	258.12	July 10	262.20	21	252.94
May 21	261.44	June 21	256.92	30	262.47	June 18	251.27
June 23	260.38	July 20	256.01	Aug. 28	263.33	July 23	250.05
July 22	259.74	Aug. 22	255.70	Sept. 21	263.82	Aug. 22	249.82
Aug. 20	259.13	Sept. 25	255.87	Oct. 26	264.92	Sept. 30	250.57
Sept. 14	259.92	Oct. 25	256.62	Nov. 23	f265.65	Oct. 31	251.33
Nov. 15	259.74	Nov. 25	257.41	Dec. 20	f265.65	Nov. 26	252.02
Dec. 21	260.54	Dec. 20	258.05	Jan. 31, 1974	262.45	Dec. 23	252.94
Jan. 21, 1972	261.51	Jan. 22, 1973	258.52				

f Dry.

474344116583001. Local number 51N-5W-33bbal. McGuire's Domestic Water System (previously reported McGuire's Domestic Water System). Dug domestic water-table well in fluvioglacial gravel of Quaternary age (previously reported Pleistocene age), diam 5 ft (2 m), depth 174.4 ft (53.1 m), concrete casing to 174 ft (53 m), open bottom. Lsd 2,137.60 ft (651.54 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of 1/4-in (3.8-cm) pipe on east side of pump, 2.13 ft (0.65 m) above lsd. Highest water level 134.14 ft (40.89 m) below lsd, June 29, 1950; lowest 165.09 ft (50.32 m) below lsd, Feb. 11, 1932. Records available: 1928-74.

Date	Water level						
Jan. 21, 1971	154.03	Feb. 23, 1972	154.23	Jan. 22, 1973	151.10	Feb. 26, 1974	148.52
Feb. 22	153.22	Mar. 21	152.18	Feb. 20	151.13	Mar. 26	148.05
Mar. 18	153.26	Apr. 21	149.39	Mar. 22	151.83	May 2	144.49
May 21	151.01	May 23	147.97	Apr. 25	152.77	21	142.51
June 23	149.89	June 21	146.42	May 25	153.80	June 18	b141.34
July 22	b150.53	July 20	147.35	July 10	b154.72	July 23	a142.26
Aug. 20	151.50	Aug. 22	148.48	30	b155.22	Aug. 22	b143.58
Sept. 24	152.15	Sept. 25	149.37	Aug. 28	156.27	Sept. 30	144.85
Nov. 15	152.99	Oct. 25	150.00	Sept. 21	156.80	Oct. 31	145.58
Dec. 21	153.60	Nov. 25	150.14	Oct. 26	156.87	Nov. 26	a146.31
Jan. 21, 1972	154.32	Dec. 20	151.15	Nov. 23	157.07		

a Well being pumped.

b Well pumped recently.

475736116341701. Local number 53N-2W-9aacl. Idaho Department of Parks. Formerly Idaho Department of Fish and Game. Drilled unused water-table well in fluvioglacial sand and gravel of Quaternary age (previously reported Pleistocene age); diam 16 in (41 cm); reported depth 351 ft (107 m); cased to 351 ft (107 m); perforated 280-345 ft (85-105 m), previously reported 280-351 ft (85-107 m). Lsd 2,291.46 ft (698.44 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of 2-in (5.1-cm) pipe, 0.61 ft (0.19 m) above lsd (since Dec. 12, 1979). Highest water level 228 ft (69 m) below lsd, June 8, 1948; lowest 252 ft (77 m) below lsd, Jan. 2, Oct. 30, 1944. Records available: 1943-74. In November 1966 well became bridged, well driller drove obstruction down to 335 ft (102 m). In August 1968 depth sounded at 331 ft (101 m).

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 21, 1971	241.78	Feb. 23, 1972	241.75	Feb. 20, 1973	239.60	Mar. 1, 1974	237.03
Feb. 22	238.67	Mar. 21	239.11	Mar. 22	239.50	26	237.38
Mar. 18	240.15	Apr. 21	238.61	Apr. 25	239.94	May 2	236.38
Apr. 22	239.35	May 23	235.87	May 25	239.10	21	234.21
May 21	234.69	June 21	230.86	July 10	233.80	June 18	231.75
June 23	232.74	July 20	231.47	30	232.89	July 23	230.77
July 22	232.04	Aug. 22	231.41	Aug. 28	232.44	Aug. 22	230.72
Aug. 20	231.63	Sept. 25	232.52	Sept. 21	233.54	Sept. 30	232.30
Sept. 24	231.79	Oct. 25	234.72	Oct. 26	237.88	Oct. 31	235.55
Nov. 22	239.31	Nov. 25	237.59	Dec. 20	240.41	Nov. 26	239.62
Dec. 21	241.14	Dec. 20	239.35	Jan. 31, 1974	235.30	Dec. 23	240.55
Jan. 21, 1972	241.70	Jan. 22, 1973	239.29				

475558116464701. Local number 53N-4W-24bbal. Pack River Co. (previously reported Pack River Lumber Co.). Dug stock and domestic water-table well in fluvioglacial gravel of Quaternary age (previously reported Pleistocene age); diam 39 in (99 cm); depth 485.2 ft (147.9 m); 25-in (64-cm) casing 9-25 ft (3-8 m); 25-in (64-cm) wood cribbing 25-303 ft (8-92 m), previously reported to 480 ft (146 m); 20-in (51-cm) casing 258-488 ft (79-149 m); slotted perforations 449-488 ft (137-149 m). Lsd 2,486.53 ft (757.89 m) above msl datum of 1929 (unadjusted). MP top of 1/4-in (1.3-cm) pipe tee, south side of pump, 4.50 ft (1.37 m) above lsd. Highest water level 447.38 ft (136.36 m) below lsd, Aug. 13, 20, 37, 1956 (revised); lowest 478.14 ft (145.74 m) below lsd, Jan. 15, 1932. Records available: 1929-74.

Date	Water level						
Jan. 21, 1971	462.25	Jan. 21, 1972	462.19	Jan. 22, 1973	459.65	Jan. 30, 1974	464.93
Feb. 18	463.04	Feb. 23	463.04	Feb. 20	460.18	Feb. 26	461.75
Mar. 18	462.94	Mar. 21	462.85	Mar. 22	460.53	Mar. 26	456.92
Apr. 22	462.18	Apr. 21	460.45	Apr. 25	461.08	Apr. 26	454.53
May 21	461.78	May 23	458.79	May 25	461.69	May 21	454.55
June 23	460.22	June 21	457.27	July 10	a462.64	June 18	452.68
July 22	460.25	July 20	a465.41	27	a462.88	July 23	a455.88
Aug. 20	458.88	Aug. 22	456.16	Aug. 28	463.22	Aug. 22	a450.76
Sept. 24	458.95	Sept. 25	456.31	Sept. 21	463.43	Sept. 30	451.02
Oct. 27	459.42	Oct. 25	456.88	Oct. 26	464.27	Oct. 31	451.74
Nov. 22	460.16	Nov. 25	457.79	Nov. 23	465.21	Nov. 26	452.80
Dec. 21	461.17	Dec. 20	458.79	Dec. 20	465.80	Dec. 24	454.03

a Well being pumped.

Latah County

464349117001301. Local number 39N-5W-7dcl. Garrett Freightlines, Inc. Drilled unused artesian well in Columbia River Basalt Group, diam 8 in (20 cm), depth 240 ft (73 m), casing depth not available. Lsd 2,560.93 ft (780.57 m) above msl datum of 1929. MP top of casing, southeast side, at lsd. Highest water level 50.10 ft (15.27 m) below lsd, Apr. 19, 1938; lowest 89.21 ft (27.19 m) below lsd, Dec. 17, 1958. Records available: 1937-40, 1947-74.

Date	Water level						
Jan. 20, 1971	59.38	June 7, 1972	55.90	May 21, 1973	55.28	Mar. 15, 1974	55.26
Feb. 16	58.79	July 15	57.03	June 11	55.39	Apr. 19	54.84
Mar. 15	59.16	Sept. 25	58.15	July 26	61.07	May 20	55.12
Apr. 21	58.49	Oct. 16	57.67	Sept. 22	58.85	June 20	57.42
May 20	58.34	Nov. 27	57.20	Oct. 20	58.07	Aug. 5	57.90
June 18	57.94	Jan. 16, 1973	55.55	Nov. 18	57.48	Sept. 23	60.00
Mar. 9, 1972	56.93	Feb. 12	55.79	Dec. 16	57.02	Nov. 5	56.83
Apr. 3	56.68	Apr. 2	56.06	Jan. 14, 1974	58.55	Dec. 16	55.60
May 3	56.34	24	55.45	Feb. 18	55.25		

Lincoln County

425742114240401. Local number 5S-17E-26acal. U.S. Bureau of Reclamation. Drilled observation (previously reported test) water-table well in Snake River Group; diam 16 in (41 cm); depth 253.5 ft (77.3 m), previously reported 254 ft (77 m); cased to 201 ft (61 m), previously reported 202 ft (62 m). Lsd 3,972.64 ft (1,210.86 m), previously reported 3,912.64 ft (1,192.57 m), above msl datum of 1929 (preliminary). MP top of 16-in (41-cm) casing, north side, 1.30 ft (0.40 m) above lsd. Highest water level 177.99 ft (54.25 m) below lsd, Sept. 28, 1958; lowest 209.07 ft (63.72 m) below lsd, May 5, 1962. Records available: 1957-74.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	192.54	193.53	.....	195.05	193.49	189.22	185.41	182.52	181.24	181.68	.....	184.84
10	192.44	193.82	.....	195.01	193.18	188.42	184.88	182.28	181.17	181.57	183.12	185.12
15	193.20	193.86	.....	194.72	191.98	188.06	184.06	181.98	181.17	181.14	183.58	185.52
20	193.20	194.36	.....	194.27	191.29	197.63	183.57	h182.66	181.22	181.70	183.98	185.91
25	.....	194.36	.....	194.25	190.73	186.72	183.12	181.67	181.04	.....	184.30	186.16
Eom	.....	194.48	195.20	194.17	190.08	186.20	182.82	181.37	180.95	.....	184.63	187.01

1972

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	187.27	188.58	189.94	188.98	188.58	186.81	183.63	181.52	180.71	181.52	182.90	185.22
10	187.35	189.10	189.80	189.02	188.50	186.06	183.15	181.31	180.95	181.40	183.12	.....
15	188.08	189.21	189.94	189.08	188.07	185.63	182.70	181.13	181.16	181.66	183.62	.....
20	188.03	189.58	189.70	189.01	187.68	185.14	182.21	181.08	181.44	181.67	.....	.....
25	187.99	189.74	189.35	188.96	187.44	184.59	181.90	181.08	181.26	182.12	.....	.....
Eom	188.26	189.61	189.35	189.00	187.09	184.14	181.62	181.01	181.39	182.77	184.95	.....

1973

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	190.19	191.69	192.43	191.57	.....	188.62	187.43	186.75	188.43	190.37	.....
10	.....	190.39	192.00	192.63	191.31	.....	188.47	187.38	187.12	.....	190.87	.....
15	h189.68	190.99	192.22	192.62	191.07	.....	188.22	187.10	187.41	.....	191.36	.....
20	190.00	190.75	192.24	192.28	191.04	189.38	188.06	186.83	187.56	.....	191.51	.....
25	.....	190.11	191.22	192.57	191.87	190.62	189.32	187.68	186.76	188.02	.....	191.70
Eom	.....	189.94	191.51	192.45	191.50	.....	189.02	187.47	186.68	188.07	.....	192.05

1974

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	192.14	194.02	195.23	196.40	195.46	191.96	188.36	185.77	184.74	184.13	.....	187.12
10	192.66	194.33	195.48	196.22	194.88	191.47	187.84	185.60	.....	184.02	185.38	187.42
15	193.14	194.59	195.77	196.41	194.20	190.78	187.33	185.42	184.53	184.11	185.65	187.77
20	193.09	194.40	196.02	196.28	193.78	190.26	187.03	185.14	184.33	.....	185.98	188.00
25	193.21	195.13	195.94	196.16	193.42	189.43	186.95	184.93	184.16	.....	186.29	188.47
Eom	193.59	194.73	196.16	195.94	192.73	188.96	186.09	184.69	184.16	.....	186.77	189.17

n Tape measurement.

425907113444001. Local number 5S-23E-17caal. U.S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group, diam 6 in (15 cm); depth 332.7 ft (101.4 m), previously reported 334 ft (102 m); cased to 333 ft (102 m), previously reported 334 ft (102 m); perforated 311-331 ft (95-101 m), previously reported 302-332 ft (92-101 m); steel plate bottom seal. Lsd 4,374.87 ft (1,333.46 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of 6-in (15-cm) casing, northeast side, 1.00 ft (0.30 m) above lsd. Highest water level 303.08 ft (92.37 m) below lsd, July 2, 1957; lowest 312.88 ft (95.37 m) below lsd, Oct. 18, 1964. Records available: 1957-74.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	308.12	307.68	307.45	307.31	307.01	307.10	307.37	308.02	308.30	308.33	.....	307.08
10	307.87	307.65	307.37	307.29	307.13	307.07	307.50	308.13	308.35	308.24	.....	306.95
15	307.94	307.57	307.37	307.13	307.07	307.15	307.60	308.16	308.37	307.93	.....	306.86
20	307.94	307.57	307.34	h306.97	h307.02	307.19	307.71	308.20	308.36	308.01	.....	306.84
25	307.88	307.44	307.22	307.05	307.04	307.20	307.80	308.31	308.21	307.90	.....	306.68
Eom	307.79	307.35	307.30	307.13	307.06	307.34	307.93	308.27	308.16	.....	307.25	.....

425907113444001--Continued.

1972

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	305.44	305.28	305.44	.....	306.92	307.20	307.36	306.89	306.33	
10	305.42	305.35	305.70	.....	306.96	307.25	307.29	306.87	306.36	
15	305.29	305.37	305.83	.....	307.01	307.33	307.28	306.69	306.38	
20	305.72	305.29	305.28	.....	307.10	307.37	307.11	306.64	306.29	
25	305.57	305.29	305.96	306.64	307.14	307.33	307.07	306.67	306.16	
Eom	305.07	305.20	305.56	306.82	307.25	307.37	307.06	306.61	306.09	

1973

5	305.99	305.69	305.37	305.19	304.96	.....	305.57	.....	307.50	.....	306.68	
10	305.97	305.52	305.24	305.16	305.10	.....	306.60	.....	307.45	.....	306.66	
15	305.86	305.64	305.13	305.10	305.15	.....	307.47	.....	307.45	.....	306.54	
20	305.80	305.67	305.13	305.01	305.08	.....	307.47	.....	306.95	.....	306.45	
25	305.78	305.56	305.08	305.05	305.04	.....	307.47	.....	306.95	.....	306.44	
Eom	305.68	305.43	305.10	304.97	305.19	.....	306.52	.....	307.50	.....	306.25	

1974

5	306.26	306.11	305.78	e305.72	305.80	306.07	.....	.....	308.08	307.66	307.17	
10	306.35	306.12	305.97	e305.73	305.96	306.23	.....	.....	308.04	307.64	307.16	
15	306.24	306.12	305.96	e305.74	305.96	306.31	307.10	.....	308.08	307.55	307.04	
20	306.20	305.96	305.98	e305.75	305.98	306.41	.....	308.12	307.87	307.46	306.92	
25	306.16	305.98	305.92	305.70	305.90	306.54	.....	308.07	307.95	307.33	306.91	
Eom	306.02	305.96	305.79	305.72	306.02	306.59	.....	308.10	307.66	307.29	306.93	

e Estimated.

h Tape measurement.

Madison County

434646111550301. Local number 5N-30E-18ac1. U.S. Bureau of Reclamation. Drilled observation artesian (previously reported water-table) well in sand and gravel of Quaternary age (previously reported Pleistocene age), diam 6 in (15 cm), reported depth 336 ft (102 m), cased to 336 ft (102 m), 6 perforations at 300 ft (91 m), open bottom. Lsd 4,823.49 ft (1,470.20 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of 1-in (2.5-cm) pipe coupling in casing cap, 1.73 ft (0.53 m) above lsd, Jan. 8, 1971; lowest 8.64 ft (2.63 m) below lsd, Jan. 13, 1963. Records available: 1963-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1971	+1.73	Nov. 22, 1971	+1.34	Dec. 21, 1972	+0.97	Sept. 13, 1973	-0.09
Apr. 2	.93	Mar. 20, 1972	.93	Jan. 29, 1973	.77	Oct. 25	-.07
May 6	.92	Apr. 26	.92	Mar. 19	.50	Nov. 20	+.06
June 4	.92	June 5	.91	Apr. 23	.19	Apr. 25, 1974	-1.19
July 1	.95	July 5	.97	May 21	.07	May 24	.15
30	1.04	Aug. 10	1.00	June 26	.02	Aug. 20	.21
Sept. 3	1.13	Sept. 15	.87	July 24	-.04	Sept. 10	.16
20	1.14	Oct. 20	.76	Aug. 21	-.10	Oct. 24	-.12
Oct. 22	1.30	Nov. 21	.83				

4352091111512101. Local number 6N-39E-10bbb1. U.S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group, diam 6 in (15 cm), depth 260.0 ft (79.3 m), cased to 168 ft (51 m). Lsd 4,838.20 ft (1,473.46 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of 1-in (2.5-cm) pipe coupling in casing cap, 1.80 ft (0.55 m) above lsd. Highest water level 15.46 ft (4.71 m) below lsd, Sept. 18, 1974; lowest 23.24 ft (7.08 m) below lsd, Apr. 24, 1964. Records available: 1962-74.

Feb. 10, 1971	20.14	Feb. 8, 1972	19.50	Jan. 29, 1973	18.80	Oct. 25, 1973	16.09
Mar. 23	21.27	Mar. 20	20.57	Feb. 23	19.64	Nov. 20	17.00
May 6	21.58	Apr. 26	20.82	Mar. 19	20.33	Dec. 20	18.01
June 4	20.11	June 5	18.71	Apr. 23	20.61	Mar. 8, 1974	19.77
30	18.24	July 5	17.15	May 21	20.19	May 28	19.67
July 29	16.89	Aug. 10	16.09	June 26	19.82	Aug. 2	16.37
Aug. 30	15.96	Sept. 15	15.61	July 24	16.73	Sept. 18	15.46
Oct. 22	16.34	Oct. 20	15.60	Aug. 22	15.97	Nov. 5	16.06
Nov. 22	17.24	Nov. 21	16.83	Sept. 13	15.65	Dec. 11	17.05
Jan. 4, 1972	18.53	Dec. 21	17.50				

43491111540501. Local number 6N-39E-30adel. U.S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group, diam 6 in (15 cm), depth 205.0 ft (89.9 m), cased to 263 ft (80 m). Lsd 4,816.92 ft (1,468.20 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of 1-in (2.5-cm) pipe coupling in casing cap, 2.00 ft (0.61 m) above lsd. Highest water level 0.34 ft (0.10 m) below lsd, Sept. 10, 1974; lowest 7.29 ft (2.22 m) below lsd, Apr. 24, 1964. Records available: 1963-74.

Feb. 11, 1971	4.51	Jan. 4, 1972	3.02	Dec. 21, 1972	2.23	Oct. 25, 1973	1.04
Apr. 2	5.25	Feb. 8	3.81	Jan. 29, 1973	3.42	Nov. 20	1.77
May 6	5.03	Mar. 20	4.39	Feb. 23	4.19	Dec. 19	2.76
June 4	3.38	Apr. 26	4.61	Mar. 19	4.37	Jan. 2, 1974	3.55
July 1	1.82	June 5	2.00	Apr. 23	4.98	Mar. 8	4.99
30	.98	July 5	1.25	May 18	2.93	May 28	2.90
Sept. 3	.52	Aug. 10	.61	June 26	1.59	Aug. 2	.36
20	.68	Sept. 15	.42	July 24	.81	Sept. 10	.34
Oct. 22	1.04	Oct. 20	.55	Aug. 22	.91	Nov. 5	1.04
Nov. 22	1.79	Nov. 21	1.45	Sept. 13	.45	Dec. 10	1.93

GROUND-WATER LEVELS, 1971-74, NORTHWESTERN STATES

435506111563101. Local number 7N-38E-23dbal. U.S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group; diam 16 in (41 cm); depth 236.0 ft (71.9 m); cased to 177 ft (54 m), previously reported 176 ft (54 m). Lsd 4,852-35 ft (1,479 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of 16-in (41-cm) casing, northeast side, 1.95 ft (0.59 m) above lsd. Highest water level 37.47 ft (11.42 m) below lsd, Oct. 20, 1974; lowest 45.27 ft (13.80 m) below lsd, Apr. 22, 1962. Records available: 1958-74.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	40.84	41.62	42.42	43.15	43.04	41.90	40.08	38.90	38.24	38.34	38.69	39.35
10	40.58	41.80	42.55	43.09	43.09	41.53	39.86	38.76	38.23	38.39	38.86	39.42
15	41.11	41.83	42.71	43.10	42.85	41.25	39.66	38.60	38.24	38.12	38.95	39.57
20	41.02	42.11	42.73	43.10	42.64	40.97	39.44	38.47	38.23	38.34	39.16	39.70
25	41.30	42.11	42.86	43.14	42.45	40.62	39.24	38.40	38.06	38.39	39.17	39.77
Eom	41.52	42.16	43.01	43.24	42.14	40.39	39.05	38.21	38.02	38.47	39.34	40.13

1972

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	40.25	40.88	41.74	42.13	42.01	40.68	39.24	38.46	37.78	37.83	38.10	....
10	40.24	41.18	41.79	42.18	41.85	40.39	39.10	....	37.81	37.74	38.39	....
15	40.59	43.23	42.00	42.25	41.67	40.07	38.93	38.17	37.83	37.81	38.40	....
20	40.56	41.39	42.03	42.24	41.40	39.80	38.75	38.11	37.89	37.72	38.64	39.32
25	40.57	41.48	41.94	42.15	41.20	39.53	38.64	38.01	37.77	37.90	38.83	39.62
Eom	40.77	41.45	42.17	42.21	40.93	39.38	38.53	38.93	37.82	38.12	38.91	39.68

1973

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	39.75	.....	.....	42.04	41.99	41.07	39.44	38.47	38.01	37.75	38.35	39.41
10	39.98	.....	41.49	42.14	41.96	40.72	39.36	38.38	37.96	37.85	38.64	39.53
15	40.01	.....	41.75	42.14	41.96	40.40	39.15	38.31	37.87	37.96	38.77	39.70
20	40.23	.....	41.70	42.04	41.68	40.23	38.93	38.22	37.79	37.88	38.84	39.74
25	40.28	41.29	41.88	42.15	41.42	39.91	38.89	38.08	37.81	38.09	38.87	39.70
Eom	.....	41.23	41.97	42.02	41.18	39.62	38.71	37.99	37.77	38.12	39.20	39.89

1974

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	39.89	40.97	41.72	42.52	42.39	40.84	39.29	38.55	37.93	37.59	38.15	38.89
10	40.11	41.22	41.93	42.45	42.20	40.65	39.15	38.42	37.77	37.53	38.36	38.97
15	40.27	41.36	42.12	42.62	41.92	40.34	39.02	38.35	37.83	37.65	38.49	39.10
20	40.42	41.50	42.26	42.25	41.78	40.03	38.97	38.21	37.77	37.47	38.64	39.18
25	40.52	41.64	42.27	42.55	41.60	39.72	38.82	38.15	37.67	37.84	38.60	39.38
Eom	40.76	41.62	42.34	42.50	41.22	39.56	38.66	37.99	37.68	37.88	38.83	39.69

Minidoka County

430623113390801. Local number 4S-24E-6bbcl. U.S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group; diam 6 in (15 cm); depth 445.1 ft (135.7 m), previously reported 448 ft (136 m); cased to 444 ft (135 m), perforated 420-444 ft (128-135 m). Lsd 4,493.44 ft (1,369.60 m), previously reported 4,493.45 ft (1,369.60 m), above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of 6-in (15-cm) casing, northeast side, 1.50 ft (0.46 m) above lsd. Highest water level 410.98 ft (125.27 m) below lsd, Apr. 3, 1958; lowest 420.48 ft (128.16 m) below lsd, Oct. 19, 1964. Records available: 1957-74.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	415.95	415.55	415.37	415.29	414.88	414.97	415.10	415.47	415.63	415.69	415.22	414.61
10	415.62	415.56	415.33	415.18	415.08	414.88	415.20	415.56	415.67	415.57	415.12	414.48
15	415.83	415.40	415.35	415.01	414.86	414.99	415.25	415.53	415.65	415.24	415.00	414.43
20	415.70	415.48	415.29	414.90	414.90	415.06	415.33	415.55	415.61	415.39	415.03	414.41
25	415.72	415.32	415.16	414.95	414.92	415.00	415.31	415.56	415.45	415.15	414.84	414.29
Eom	415.66	415.24	415.21	415.09	414.90	415.17	415.43	415.56	415.40	415.18	414.75	414.44

1972

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	414.38	413.87	413.76	413.34	413.19	413.42	413.83	414.36	414.52	.....	.....	414.00
10	414.16	413.95	413.67	413.34	413.24	413.42	413.88	414.36	414.61	.....	.....	414.06
15	414.39	413.82	413.74	413.36	413.26	413.52	413.97	414.39	414.69	.....	.....	414.11
20	414.11	413.85	413.60	413.32	413.19	413.53	414.02	414.49	414.79	.....	.....	413.99
25	413.92	413.79	413.42	413.24	413.32	413.63	414.15	414.51	414.58	.....	.....	414.01
Eom	413.91	413.62	413.50	413.33	413.32	414.29	414.58	414.77	414.17	413.05	.....	.....

1973

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	413.70	413.47	413.19	.....	413.23	413.59	413.90	414.53	414.76	414.59	414.46	.....
10	413.73	413.31	413.03	.....	413.18	413.76	414.06	414.63	414.76	414.69	414.49	.....
15	413.62	413.50	413.34	.....	413.21	413.85	414.14	414.66	414.82	414.57	414.46	.....
20	413.59	413.54	413.11	.....	413.48	413.94	414.25	414.72	414.71	414.42	414.41	.....
25	413.52	413.42	.....	.....	413.44	414.19	414.22	414.74	414.76	414.29	414.27	.....
Eom	413.40	413.25	.....	.....	412.93	413.42	413.98	414.33	414.77	414.64	414.45	414.22

1974

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	414.04	414.01	413.79	413.69	413.64	413.74	414.25	414.91	415.26	415.45	415.28	414.93
10	414.10	414.12	413.84	413.49	413.57	413.92	414.34	415.00	415.28	415.43	415.24	414.92
15	414.09	414.04	413.86	413.68	413.53	413.91	414.47	415.08	415.42	415.53	415.16	414.85
20	414.03	413.97	413.85	413.55	413.59	413.98	414.66	415.12	415.46	415.34	415.14	414.76
25	414.00	414.00	413.65	413.45	413.78	414.06	414.75	415.20	415.43	415.46	415.03	414.82
Eom	413.94	413.82	413.60	413.69	413.76	414.21	414.84	415.18	415.47	415.20	415.04	414.87

^b Tape measurement.

425037113363201. Local number 7S-24E-2add1. U.S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group, diam 5 in (13 cm), depth 252.0 ft (76.8 m), cased to 252 ft (77 m), perforated 222-252 ft (68-77 m). Lsd 4,285.88 ft (1,306.34 m), previously reported 4,285.9 ft (1,306.3 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of casing, 0.90 ft (0.27 m) above lsd. Highest water level 200.95 ft (61.25 m) below lsd, Jan. 17, 1954; lowest 217.00 ft (66.14 m) below lsd, Aug. 21, 22, 29, 1964. Records available: 1953-74. Recording gage removed July 1972.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	e210.60	210.04	210.02	209.97	209.71	210.44	212.22	213.29	212.84	211.91	210.55	209.73
10	210.02	209.93	209.94	209.95	210.55	212.60	213.20	212.75	211.58	210.36	209.56	209.36
15	210.49	210.05	209.78	209.85	210.98	212.87	213.15	212.65	211.11	210.23	209.56	209.36
20	210.29	e210.06	209.89	209.67	209.95	211.43	213.12	213.07	212.48	211.08	210.21	209.50
25	210.30	209.89	209.84	209.74	210.15	211.67	213.20	213.10	212.23	210.89	210.07	209.26
Eom	210.14	209.82	209.97	209.91	210.30	212.06	213.39	212.91	211.99	210.60	209.98	209.59

1972

5	209.55	208.96	208.65	208.30	208.72	.....	.....	.....	.....	.....	.....	.....
10	209.42	209.05	.....	208.32	.....	.....	.....	.....	.....	.....	.....	.....
15	209.54	208.93	206.65	208.38	.....	.....	.....	.....	.....	.....	.....	.....
20	209.27	208.93	208.52	h208.37	.....	.....	.....	.....	.....	.....	.....	.....
25	209.03	208.86	208.34	208.34	.....	.....	.....	.....	.....	.....	.....	.....
Eom	.....	208.65	208.46	208.62	.....	.....	.....	.....	.....	.....	.....	.....

e Estimated.

h Tape measurement.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
July 18, 1972	211.98	Mar. 16, 1973	208.11	Dec. 3, 1973	209.03	July 23, 1974	213.16
Sept. 26	211.00	May 8	208.03	Jan. 17, 1974	208.96	Sept. 18	212.58
Nov. 28	209.01	July 9	211.49	Mar. 28	208.50	Nov. 19	210.29
Jan. 23, 1973	208.59	Sept. 10	211.57	May 8	208.94	Dec. 12	209.89

424548113440701. Local number 8S-23E-2baa1. U.S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group, diam 8 to 6 in (20 to 15 cm), reported depth 290.0 ft (88.4 m), 8-in (20-cm) casing to 18 ft (5 m), 6-in (15-cm) casing to 250 ft (76 m), perforated 80 ft (24 m), interval not available. Lsd 4,263.64 ft (1,299.56 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of casing, 1.31 ft (0.40 m) above lsd. Highest water level 197.6 ft (60.2 m) below lsd, Dec. 4, 1953; lowest 216.37 ft (65.95 m) below lsd, Aug. 22, 1964. Records available: 1950-71. Measurement discontinued.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	205.34	205.29	205.41	205.11	206.80	210.64	212.48	.....	.....	.....	.....
10	.....	205.38	205.22	205.40	205.57	207.30	211.27	212.30	.....	.....	.....	.....
15	205.76	.....	.....	205.24	205.64	208.39	211.71	212.06	.....	.....	.....	.....
20	205.53	205.36	.....	205.02	206.10	209.05	h212.20	212.02	.....	.....	.....	.....
25	205.57	205.13	205.17	205.11	206.26	209.58	212.40	.....	210.54	.....	.....	.....
Eom	205.53	205.02	205.36	205.34	206.42	210.47	212.55	.....	.....	.....	.....	.....

e Estimated.

h Tape measurement.

4242011134452701. Local number 8S-23E-27bdcl. U.S. Bureau of Reclamation well C. Drilled irrigation water-table well in Snake River Group, diam 8 in (20 cm), reported depth 260 ft (79 m), cased to 21 ft (6 m). Lsd 4,234.52 ft (1,290.68 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP lower lip of 1-in (2.5-cm) pipe on north side of pump, 0.54 ft (0.16 m) above lsd. Highest water level 175.75 ft (53.87 m) below lsd, Dec. 1, 1953; lowest 188.97 ft (57.59 m) below lsd, Sept. 19, 1961. Records available: 1948-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 25, 1971	182.88	Sept. 25, 1972	a191.75	Sept. 13, 1973	187.02	Sept. 18, 1974	a189.68
Sept. 27	187.56	Mar. 19, 1973	181.34	Mar. 28, 1974	181.88	Nov. 19	183.32
Mar. 22, 1972	181.45						

a Well being pumped.

4240531134412801. Local number 8S-24E-3ldacl. U.S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group, diam 8 to 6 in (20 to 15 cm), reported depth 194 ft (59 m), 8-in (20-cm) casing 0-85 ft (0-26 m), 6-in (15-cm) casing 85-188 ft (26-57 m), perforated 158-188 ft (48-57 m). Lsd 4,226.54 ft (1,288.25 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of casing, 1.80 ft (0.55 m) above lsd. Highest water level 140.5 ft (42.8 m) below lsd, Oct. 18, 24, Nov. 5, 1953; lowest (revised), 156.88 ft (47.82 m) below lsd, July 25, 1964. Records available: 1950-74. The measurement of 179.09 ft for Nov. 25, 1970, published in WSP 1980, was in error. The correct measurement for this date was 149.09 ft. Recording gage removed June 1972, reinstated January 1974.

GROUND-WATER LEVELS, 1971-74, NORTHWESTERN STATES

424053113412801--Continued.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	149.91	149.43	150.03	150.38	150.27	150.97	152.34	152.48	151.60	150.22	148.83	148.43
10	149.60	149.58	149.98	150.39	150.60	151.10	152.86	152.28	151.04	149.83	148.77	148.58
15	149.98	.....	150.17	150.27	150.47	151.40	153.08	152.26	150.95	.....	148.76	148.82
20	149.30	149.84	150.09	h150.12	150.72	151.91	h153.25	152.22	150.85	.....	148.89	148.80
25	149.18	149.74	150.07	150.26	150.59	151.91	153.23	152.36	150.53	148.80	148.80	148.61
Eom	149.16	149.70	150.31	150.51	150.57	152.28	152.89	151.78	150.18	148.68	148.81	149.12

1972

5	149.15	.....	148.33	148.65	150.07	.....	.....	.....	.....	.....	.....	.....
10	149.05	.....	148.32	148.77	150.35	.....	.....	.....	.....	.....	.....	.....
15	149.34	.....	h148.68	148.89	150.66	.....	.....	.....	.....	.....	.....	.....
20	148.82	.....	.....	148.97	151.23	.....	.....	.....	.....	.....	.....	.....
25	148.19	148.39	148.58	149.20	.....	.....	.....	.....	.....	.....	.....	.....
Eom	148.10	148.23	148.78	149.97	.....	.....	.....	.....	.....	.....	.....	.....

h Tape measurement.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 22, 1972	g150.67	Jan. 23, 1973	148.51	May 24, 1973	g150.42	Sept. 4, 1973	g150.30
July 18	152.02	29	g148.25	June 11	151.13	10	150.60
20	g152.12	Feb. 26	g148.63	25	g150.97	25	g149.39
Sept. 25	149.25	Mar. 16	148.63	July 9	151.93	Oct. 30	148.28
Oct. 28	g147.74	26	g148.44	25	g152.10	Dec. 3	148.33
Nov. 28	148.00	Apr. 30	g148.89	Aug. 6	150.90	27	g148.31
Dec. 24	g148.22	May 8	148.82				

g Measurement made by U.S. Bureau of Reclamation.

Water level at noon, from recorder graph, 1974

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	148.58	148.79	149.12	151.00	152.01	152.76	.....	.....	150.51	.....	149.07
10	.....	148.78	148.92	149.98	150.23	152.04	153.05	.....	.....	150.08	.....	149.12
15	.....	148.82	149.02	149.23	150.47	152.29	153.27	.....	.....	149.56	149.01	149.16
20	.....	h148.88	.....	149.22	150.45	152.48	153.42	.....	.....	149.56	149.12	.....
25	148.25	148.83	.....	149.16	.....	152.84	153.31	151.53	.....	148.96	.....	.....
Eom	148.42	148.72	149.03	150.54	151.89	152.78	153.24	151.37	150.42	.....	149.31	149.05

h Tape measurement.

424334113320201. Local number 8S-25E-16dacl. Ruby Mickelsen. Formerly V. Anderson. Drilled irrigation water-table well in Snake River Group, diam 8 to 15 ft (51 cm), reported depth 230 ft (70 m), casing depth not available. Lsd 4,293.40 ft (1,293.39 m), previously reported 4,243.38 ft (1,293.38 m), above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of sloping pipe, northeast side, 1.25 ft (0.38 m) above lsd. Highest water level 148.37 ft (45.22 m) below lsd, Dec. 1, 1953; lowest 162.71 ft (49.59 m) below lsd, Sept. 17, 1964. Records available: 1949-74.

Date	Water level						
Mar. 25, 1971	157.43	Mar. 22, 1972	156.38	Mar. 16, 1973	155.15	Mar. 28, 1974	155.99
Sept. 27	158.19	Sept. 26	157.84	Oct. 30	156.99	Sept. 18	158.95
Oct. 6	158.33						

424248113291401. Local number 8S-25E-24bdcl. U.S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group, diam 8 to 6 in (20 to 15 cm), reported depth 180 ft (55 m), 8-in (20-cm) casing to 15 ft (5 m), 6-in (15-cm) casing 120-180 ft (37-55 m), perforated 160-180 ft (49-55 m). Lsd 4,232.70 ft (1,290.13 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of 6-in (15-cm) casing, 1.06 ft (0.32 m) above lsd. Highest water level 133.2 ft (40.7 m) below lsd, Nov. 5, 6, 17, Oct. 24, 1953; lowest 146.07 ft (44.52 m) below lsd, Aug. 6, 1964. Records available: 1950-71. Measurement discontinued Oct. 24, 1971.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	142.40	142.03	.....	143.24	141.92	142.05	142.87	143.15	142.71	142.44	.....	.....
10	.....	.....	.....	143.18	142.08	142.06	143.02	143.13	142.70	142.26	.....	.....
15	142.34	.....	.....	143.09	141.97	142.38	143.14	143.04	142.72	141.95	.....	.....
20	142.29	.....	143.17	h141.96	141.96	142.57	143.23	142.99	142.65	141.94	.....	.....
25	142.20	.....	143.09	142.00	141.98	142.64	143.26	143.02	142.51	.....	.....	.....
Eom	142.11	.....	143.16	142.08	142.02	142.74	143.25	142.79	142.30	.....	.....	.....

h Tape measurement.

Oneida County

421434112224801. Local number 13S-35E-33cccl. Wolford McDaniels. Drilled unused water-table well in Wells Formation (previously reported rocks of Paleozoic age), diam 6 in (15 cm), depth 328.0 ft (100.0 m), cased to 328 ft (100 m). Lsd about 5,030 ft (1,533 m) above msl datum of 1929. MP top of casing, west side, 1.40 ft (0.43 m) above lsd. Highest water level 293.45 ft (88.44 m) below lsd, Apr. 26, 1953; lowest 302.30 ft (92.14 m) below lsd, Sept. 13, 1951. Records available: 1946-59, 1961-63, 1965-66, 1969-71. Measurement discontinued. Mar. 28, 1971, 295.50; May 12, 294.47.

Owyhee County

4254141116043301. Local number 6S-3E-14bcbl. Triangle Dairy. Drilled unused artesian well in Idaho Group (previously reported sand of Idaho Group); diam 4 in (10 cm), previously reported 6 to 4 in (15 to 10 cm); reported depth 1,342 ft (400 m), cased to 373 ft (114 m). Lsd about 2,643 ft (806 m) above msl datum of 1929. MP top of 4-in (10-cm) casing, south side, 0.10 ft (0.03 m) below lsd (since July 14, 1971). Highest water level 7.3 ft (2.2 m) above lsd, Feb. 18, 1955; lowest 51.16 ft (15.59 m) below lsd, Nov. 6, 1974. Records available: 1953-74. Recording gage removed Nov. 16, 1971.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	21.51	.....	.....	.....	18.28	19.99	22.51	25.02	26.60	27.24	.....
10	21.28	.....	.....	.....	18.51	20.44	22.94	25.39	26.80	27.25	.....
15	20.87	.....	.....	17.43	18.82	20.30	23.35	25.70	26.94	27.23	.....
20	h22.54	20.57	18.82	.....	17.55	19.09	21.23	23.82	25.99	27.03	.....	.....
25	17.70	19.39	21.64	24.22	26.20	27.12	.....	.....
Em	17.95	19.67	22.12	24.62	26.38	27.17	.....	.....

h Tape measurement.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3, 1972	24.13	Nov. 14, 1972	35.74	Sept. 13, 1973	50.59	June 6, 1974	33.29
Mar. 15	19.01	Jan. 15, 1973	28.18	Nov. 20	39.38	July 8	37.01
May 18	20.26	Mar. 20	22.33	Jan. 16, 1974	33.98	Sept. 10	50.46
July 20	32.60	May 23	29.29	Mar. 6	29.56	Nov. 6	51.16
Sept. 15	39.72	July 11	42.64	May 1	25.37	Dec. 19	43.77

424737115544801. Local number 7S-5E-19cccl. Bell Brand, Inc. Formerly W. H. Taylor. Drilled irrigation water-table well in Idavada Volcanics, previously reported basalt and latite of Pliocene (?) age; diam 12 in (30 cm); reported depth 760 ft (223 m); cased to 309 ft (94 m), previously reported 300 ft (91 m). Lsd about 2,720 ft (829 m) above msl datum of 1929. MP hole in southwest side of casing, 1.50 ft (0.46 m) above lsd. Highest water level 10.28 ft (3.13 m) below lsd, Aug. 12, 1953; lowest 37.67 ft (11.48 m) below lsd, Sept. 13, 1973. Records available: 1953-74.

Jan. 20, 1971	29.57	Jan. 3, 1972	30.56	Jan. 15, 1973	b29.34	Mar. 5, 1974	30.77
Mar. 16	28.33	Mar. 15	28.23	Mar. 20	28.45	Apr. 30	32.12
May 13	a38.55	May 18	a39.68	May 23	a40.29	June 6	35.33
July 14	33.48	July 20	35.34	July 13	a41.96	July 8	37.57
Sept. 13	35.32	Sept. 15	35.53	Sept. 13	37.67	Nov. 6	35.16
Nov. 16	31.75	Nov. 14	31.63	Nov. 29	33.66	Dec. 18	33.83

a Well being pumped.

b Well pumped recently.

4250041115445302. Local number 7S-6E-9bad2. Ray Colyer. Formerly Errol F. Black. Drilled irrigation and domestic artesian well in Banbury Formation (previously reported sand and shale) of Idaho Group; diam 8 in (20 cm); reported depth 960 ft (293 m), previously reported 800 ft (244 m); cased to 80 ft (24 m). Lsd about 2,578 ft (786 m) above msl datum of 1929. MP top of 10-in (25-cm) elbow, 1.50 ft (0.46 m) above lsd. Highest water level 59.3 ft (18.1 m) above lsd, Feb. 24, 1954; lowest 9.0 ft (2.7 m) above lsd, Sept. 8, 1955. Records available: 1953-74.

Mar. 18, 1971	+47.70	Mar. 14, 1972	+48.60	Mar. 19, 1973	+45.12	Mar. 5, 1974	+49.92
Sept. 14	23.15	Sept. 15	28.71	Sept. 27	j14.47	Sept. 9	j23.16

j Nearby well flowing.

Power County

425608112335301. Local number 5S-33E-35cccl. U.S. Geol. Survey. Drilled observation water-table well in gravel of Quaternary age; diam 6 in (15 cm), depth 60 ft (18 m), cased to 60 ft (18 m). Lsd 4,424.58 ft (1,348.61 m) above msl datum of 1929. Pacific Northwest Supplementary Adjustment of 1977. MP top of casing, northeast side, 2.10 ft (0.64 m) above lsd. Highest water level 22.74 ft (6.93 m) below lsd, Oct. 12, 1957; lowest 26.36 ft (8.03 m) below lsd, July 23, 1968. Records available: 1955-74.

Mar. 24, 1971	24.25	Mar. 20, 1972	23.95	Sept. 24, 1973	23.32	Sept. 24, 1974	24.02
Aug. 18	24.31	Sept. 29	23.13	Mar. 15, 1974	24.50	Nov. 8	23.43
Sept. 20	23.04	Mar. 19, 1973	24.04	Aug. 2	25.54		

425218112413901. Local number 6S-32E-27add1. U.S. Geol. Survey. Drilled observation water-table well in sand of Quaternary age; diam 6 in (15 cm); depth 62.7 ft (19.1 m), previously reported 63 ft (19 m); cased to 73 ft (22 m); perforated 63-66 ft (19-20 m); casing filled with sand and gravel 63-73 ft (19-22 m). Lsd 4,416.70 ft (1,346.21 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of 6-in (15-cm) casing, north side, 2.30 ft (0.70 m) above lsd. Highest water level 31.35 ft (9.56 m) below lsd, May 22, 1971, Mar. 20, 1972; lowest 39.86 ft (12.15 m) below lsd, Oct. 15, 16, 1961. Records available: 1954-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 24, 1971	32.13	Sept. 20, 1971	32.53	Mar. 19, 1973	31.65	Aug. 2, 1974	36.74
May 22	31.35	Mar. 20, 1972	31.35	Sept. 19	35.77	Sept. 21	36.93
July 24	34.02	Sept. 21	33.04	Mar. 22, 1974	32.41	Nov. 8	35.31
Aug. 18	33.16						

424720112574701. Local number 7S-30E-28bbcl. John Rast. Drilled unused water-table well in Snake River Group; diam 20 in (51 cm); depth 287.8 ft (87.7 m), previously reported 288 ft (88 m); cased to 3 ft (1 m). Lsd 4,533.55 ft (1,381.83 m) above msl datum of 1929 (unadjusted). MP top of casing, north side, 1.40 ft (0.43 m) above lsd. Highest water level 194.98 ft (59.43 m) below lsd, Mar. 21, 1973; lowest 206.00 ft (62.79 m) below lsd, Aug. 2, 1974. Records available: 1961-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 24, 1971	196.69	Sept. 22, 1971	198.84	Mar. 21, 1973	194.98	Aug. 2, 1974	206.00
May 21	196.63	Mar. 23, 1972	195.66	Sept. 19	201.07	Sept. 30	203.02
July 23	199.92	Sept. 25	199.89	Mar. 25, 1974	196.12	Nov. 21	198.23
Aug. 18	200.43						

Teton County

434032111045001. Local number 4N-45E-13adal. U.S. Bureau of Reclamation. Drilled observation water-table well in sand and gravel of Quaternary age, diam 16 in (41 cm), depth 304.0 ft (92.7 m), cased to 301 ft (92 m), perforated 230-240 ft (70-73 m), 255-295 ft (78-90 m). Lsd 6,275.39 ft (1,912.74 m) above msl datum of 1929, Western Wyoming Supplementary Adjustment of 1940. MP top of casing, east side, 1.00 ft (0.30 m) above lsd. Highest water level 122.79 ft (37.43 m) below lsd, June 30, 1971; lowest 203.09 ft (61.90 m) below lsd, Apr. 2, 1967. Records available: 1958-74. Recording gage removed Nov. 24, 1971. Mar. 17, 1972, 197.71; Sept. 19, 182.24; Mar. 20, 1973, 198.52; Oct. 4, 190.70; Apr. 14, 1974, 199.49; Oct. 11, 187.19.

Water level at noon, from recorder garph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	196.85	198.80	199.93	.....	.....	127.36	148.66	170.63	.....	.....	.....
10	195.10	197.20	198.92	.....	.....	.....	129.60	153.09	173.01	.....	.....	.....
15	195.63	197.71	199.12	.....	.....	.....	131.88	156.90	.....	.....	.....	.....
20	195.90	198.24	199.25	198.85	.....	.....	147.88	154.86	160.48	.....	183.50	.....
25	196.16	198.50	199.52	198.00	.....	.....	131.33	138.16	163.94	.....	184.41	.....
Em	196.03	198.56	199.84	196.67	.....	.....	122.79	144.02	167.79	.....	.....	.....

h Tape measurement.

434936111143601. Local number 6N-44E-22ddcl. U.S. Bureau of Reclamation. Drilled observation water-table well in sand and gravel of Quaternary age; diam 8 in (20 cm); depth 257.5 ft (78.5 m), previously reported 258 ft (79 m); cased to 242 ft (74 m). Lsd 6,027.70 ft (1,837.24 m) above msl datum of 1929 (tentative adjustment). MP top of casing, 1.65 ft (0.50 m) above lsd. Highest water level 177.68 ft (54.16 m) below lsd, Mar. 17, 1972; lowest 201.69 ft (61.48 m) below lsd, Apr. 23, 1964. Records available: 1958-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 5, 1971	193.98	June 17, 1971	187.12	Mar. 17, 1972	177.68	Oct. 4, 1973	199.10
Mar. 11	200.33	July 28	186.39	Sept. 19	195.08	Apr. 14, 1974	198.46
Apr. 19	190.59	Sept. 7	193.59	Apr. 13, 1973	194.87	Oct. 17	196.67
May 21	193.30	24	194.90				

Twin Falls County

423207114215301. Local number 10S-18E-20dddl. Kimberly City (previously reported Village of Kimberly). Drilled public-supply water-table well in Snake River Group; diam 8 to 6 in (20 to 15 cm), previously reported 8 to 5 in (20 to 13 cm); reported depth 1,200 ft (366 m); 8-in (20-cm) casing 0-735 ft (0-224 m); 6-in (15-cm), previously reported 5-in (13-cm), casing 735-1,110 ft (224-338 m); perforated 300-1,110 ft (91-338 m). Lsd about 3,919 ft (1,195 m) above msl datum of 1929. MP top of casing, West side, 4.70 ft (1.43 m) above lsd (since Jan. 16, 1973). Highest water level 164.70 ft (50.20 m) below lsd, Sept. 14, 1972; lowest 173.47 ft (54.40 m) below lsd, May 19, 1955. Records available: 1951-74.

Jan. 27, 1971	171.84	Mar. 27, 1972	173.40	May 17, 1973	177.00	Apr. 23, 1974	175.65
Mar. 23	173.10	May 21	175.36	July 12	176.13	May 31	177.29
May 19	175.04	July 28	174.59	Sept. 14	171.90	July 10	176.18
July 21	174.91	Sept. 14	164.70	Dec. 20	170.53	Sept. 11	172.79
Sept. 25	170.07	Nov. 21	170.52	Jan. 29, 1974	172.59	Oct. 20	170.90
Nov. 29	169.79	Jan. 16, 1973	171.28	Mar. 15	174.04	Dec. 7	171.54
Jan. 2, 1972	171.12	Mar. 19	168.68				

422600114240901. Local number 11S-17E-25ddd2. U.S. Bureau of Reclamation. Drilled observation water-table well in Snake River Group; diam 6 in (15 cm); depth 351.6 ft (107.2 m), previously reported 352 ft (107 m); cased to 175 ft (53 m); perforated 145-175 ft (44-53 m). Lsd 4,138.54 ft (1,261.43 m) above msl datum of 1929 (unadjusted). MP top of casing, north side, 1.50 ft (0.46 m) above lsd. Highest water level 77.23 ft (23.54 m) below lsd, Aug. 24, 1965; lowest 97.23 ft (29.64 m) below lsd, Apr. 6, 1962. Records available: 1960-74. Recording gage removed Aug. 11, 1971. Sept. 25, 1971, 81.12; Mar. 29, 1972, 83.50; Sept. 27, 78.23; Mar. 27, 1973, 90.09; Sept. 18, 80.97; Mar. 15, 1974, 91.19; Sept. 11, 82.09.

Water level at noon, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	91.30	91.29	89.96	90.94	87.21	83.10	82.49	80.93	.....	.....	.....	.....
10	91.20	91.16	90.08	90.83	86.42	82.63	82.36	81.01	.....	.....	.....	.....
15	91.81	90.72	90.39	90.53	85.26	82.71	81.66	.....	.....	.....	.....	.....
20	91.80	90.57	90.42	90.05	84.50	82.79	80.99	.....	.....	.....	.....	.....
25	91.75	90.03	90.54	89.55	84.05	82.60	80.80	.....	.....	.....	.....	.....
Em	91.55	89.74	90.87	88.94	83.42	82.72	80.87	.....	.....	.....	.....	.....

422529114160701. Local number 11S-19E-3ladd1. Garnet Kidd. Drilled unused water-table well in sand and gravel of Quaternary age (previously reported gravel of probable Quaternary age), diam 8 in (20 cm), reported depth 350 ft (107 m), cased to 140 ft (43 m). Lsd 4,197.70 ft (1,279.46 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP top of hole in well seal, north side, 4.50 ft (1.37 m) below lsd. Highest water level 118.75 ft (36.20 m) below lsd, May 3, 1952; lowest 159.68 ft (48.67 m) below lsd, Nov. 12, 1961. Records available: 1951-52, 1954-74

Date	Water level						
Jan. 27, 1971	b140.85	Mar. 29, 1972	125.18	May 10, 1973	132.23	Apr. 23, 1974	134.01
Mar. 23	138.60	May 15	134.68	July 12	138.06	May 31	135.58
May 19	137.58	July 18	a141.94	Sept. 14	142.93	July 20	156.80
July 21	b137.40	Sept. 28	137.90	Dec. 6	142.12	Sept. 11	141.83
Sept. 24	140.69	Dec. 5	134.70	Jan. 29, 1974	135.95	Oct. 20	145.94
Nov. 29	137.81	Jan. 17, 1973	132.96	Mar. 12	134.99	Dec. 7	138.01
Jan. 7, 1972	135.81	Mar. 12	131.85				

a Well being pumped.
b Well pumped recently.

422835114055201. Local number 11S-20E-10dcl1. Glen Briggs. Drilled irrigation water-table well in Snake River Group; diam 6 in (15 cm); depth 250 ft (76 m), previously reported 219.4 ft (66.9 m); cased to 28 ft (9 m). Lsd 4,174.82 ft (1,272.49 m) above msl datum of 1929, Pacific Northwest Supplementary Adjustment of 1947. MP tap hole inside pumpbase, northwest side, 5.00 ft (1.52 m) below lsd. Highest water level 125.35 ft (38.21 m) below lsd, Oct. 25, 1956; lowest 170.62 ft (52.00 m) below lsd, Sept. 12, 1963. Records available: 1951-74. Well filled in to depth of 219.4 ft (66.9 m) on Mar. 31, 1971.

Mar. 23, 1971	153.15	Mar. 27, 1972	148.52	Mar. 20, 1973	147.05	Mar. 12, 1974	147.41
Sept. 22	144.24	Sept. 26	157.97	Sept. 14	158.27	Sept. 11	160.33

MONTANA

The observation-well program in Montana was continued during 1971 through 1974 in cooperation with the Montana Bureau of Mines and Geology and as part of the program for the development of the Missouri River Basin. Periodic water-level measurements were made in 14 wells. Figure 5 shows the location of observation wells included in this report.

Well Numbering System

Wells are numbered according to their latitude-longitude location, as explained on page 1. Local well numbers are also given.

Wells are numbered locally in accordance with the Bureau of Land Management's system of land subdivision. The capital letters--A, B, C, and D--designate the location of the well in the northeast, northwest, southwest, and southeast quadrants, respectively, of the Montana principal meridian and base-line system. The first digit of a well number indicates the township, the second the range, and the third the section in which the well is located. The first lowercase letter locates the well in the quarter section and the second in the quarter-quarter section. The letters are assigned in a counter-clockwise direction, beginning in the northeast quarter. If information is obtained on 2 or more wells in the same quarter-quarter section, consecutive digits beginning with 1 are added to the well number. Thus, the number A-29-13-21aa2 designates the second well for which information was obtained in the NE₄NE₄ sec. 21, T.29 N., R.13 E.

Well Descriptions and Water-Level Measurements

Water Levels are reported in feet below land-surface datum, unless otherwise indicated.

Chouteau County

481542110023501. Local number A-29-13-21aa2. U.S. Geol. Survey. Drilled unused artesian well in deposits of Pleistocene age, diam 2 in (5.1 cm), depth 210 ft (64 m), cased to 167 ft (51 m). Lsd 2,680 ft (817 m) above ms1. MP top of pipe, 0.40 ft (0.12 m) above lsd. Highest water level 13.35 ft (4.07 m) below lsd, Mar. 16, 1973; lowest 26.64 ft (8.12 m) below lsd, Sept. 4, 1974. Records available: 1947-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1971	15.36	Nov. 2, 1971	15.99	Mar. 2, 1973	16.28	Jan. 29, 1974	20.68
Feb. 15	15.22	30	15.97	16	13.35	Feb. 27	20.66
Apr. 1	15.01	Jan. 5, 1972	15.73	28	15.68	Mar. 26	20.59
10	15.90	Mar. 1	15.50	May 3	20.27	Apr. 24	20.48
May 26	27.65	Apr. 25	15.78	June 1	20.20	26	20.49
June 24	22.42	June 15	15.30	28	23.98	May 30	20.45
29	21.15	Aug. 2	15.28	July 27	23.03	June 26	23.28
July 29	21.33	Oct. 2	15.87	Aug. 29	24.70	July 30	22.17
Aug. 25	17.47	27	15.30	Oct. 30	21.05	Sept. 4	26.64
Sept. 20	16.26	Nov. 28	15.34	Nov. 27	20.94	Oct. 29	21.08
Oct. 6	16.09	Jan. 10, 1973	15.82	Dec. 27	20.82	Dec. 26	20.68

Custer County

462120105470001. Local number A-7-47-13dd. Owner unknown. Drilled unused water-table well in Fort Union Formation, diam 1 $\frac{1}{2}$ in (3.2 cm), depth 50 ft (15 m), cased to 48 ft (15 m), finished with Johnson well screen. Lsd 2,480 ft (756 m) above ms1. MP top of pipe, 1.10 ft (0.34 m) above lsd. Highest water level 31.10 ft (9.48 m) below lsd, Dec. 23, 1965; lowest 43.10 ft (13.14 m) below lsd, June 6, 1947. Records available: 1947-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 12, 1971	36.69	Feb. 10, 1972	36.39	Feb. 5, 1973	36.37	Apr. 6, 1974	36.58
Apr. 7	37.45	Mar. 8	37.06	22	36.77	May 3	37.56
29	37.74	9	36.95	5	36.55	29	36.74
May 5	37.71	Apr. 4	37.97	2	37.29	June 26	36.04
June 8	36.90	May 2	38.65	8	36.83	July 25	35.68
July 8	36.17	July 14	35.28	9	35.70	Aug. 27	33.55
Aug. 4	35.08	Aug. 2	34.93	5	34.04	Sept. 24	34.40
Sept. 2	34.25	Sept. 12	34.17	3	34.12	Oct. 7	34.42
Oct. 6	34.61	Nov. 8	34.46	9, 1974	35.80	24	34.45
Nov. 1	34.88	Dec. 6	35.44	5	36.30	Nov. 7	34.47
Dec. 1	35.72	Jan. 8, 1973	36.34	2	36.81	Dec. 5	35.00
Jan. 11, 1972	36.03						

Fergus County

46585210941-502. Local number A-14-16-15bb2. U.S. Geol. Survey. Drilled observation water-table well in gravel, diam 1 $\frac{1}{4}$ in (3.2 cm), depth 42 ft (13 m), cased with pipe to 40 ft (12 m), Johnson well screen on bottom. Lsd about 4,150 ft (1,265 m) above msl. MF top of pipe, 2,90 ft (0.88 m) above lsd. Highest water level 30.17 ft (9.20 m) below lsd, June 12, 1970; lowest 33.34 ft (10.16 m) below lsd, June 9, 1972. Records available: 1967-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 26, 1971	31.83	June 9, 1972	33.34	Feb. 20, 1973	32.83	Dec. 4, 1973	31.87
Feb. 20, 1972	31.99	Sept. 7	32.51	Apr. 17	32.90	Apr. 16, 1974	32.48

Gallatin County

45393711110301. Local number D-2-4-13cc. Owner unknown. Dug observation water-table well in gravel; diam 12 in (30 cm); depth unknown, previously reported 10 ft (3 m); cased with tile. Lsd 4,738 ft (1,444 m) above msl. MF top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 2,54 ft (0.77 m) below lsd, June 27, 1952; lowest 10.40 ft (3.17 m) below lsd, Feb. 20, 1971. Records available: 1947-74.

Jan. 6, 1971	8.48	Apr. 26, 1972	8.45	May 23, 1973	7.44	Apr. 4, 1974	8.22
Feb. 20,	10.40	May 23	7.48	June 6	5.37	24	8.72
Mar. 22	8.08	June 27	5.44	July 11	5.12	30	8.65
Apr. 25	9.60	Aug. 9	3.73	Aug. 7	3.75	June 5	6.09
May 31	7.20	Oct. 3	5.21	Sept. 5	3.30	July 10	4.93
July 2	6.51	Dec. 15	6.61	Oct. 2	5.88	Aug. 6	3.79
Aug. 3	4.40	Jan. 5, 1973	7.86	Nov. 6	6.97	Sept. 5	5.30
Sept. 23	4.98	Feb. 6	8.79	Dec. 4	8.01	Oct. 4	6.53
Oct. 21	7.18	25	9.08	Jan. 10, 1974	8.43	Nov. 1	7.30
Jan. 11, 1972	8.94	28	8.47	29	7.68	Dec. 5	8.00
Feb. 26	8.95	Apr. 4	8.44	Feb. 26	8.66	31	7.20
Apr. 5	8.79	May 2	7.98				

Glacier County

483345113004501. Local number B-32-11-3ad. U.S. Geol. Survey. Drilled observation water-table well in glacial drift of Pleistocene age, diam 1 $\frac{1}{4}$ in (3.2 cm), depth 12 ft (4 m), cased with pipe, finished with continuous-slot drive point. Lsd 4,416 ft (1,346 m), previously reported about 4,410 ft (1,344 m), above msl. MF top of pipe, 3.30 ft (1.01 m) above lsd. Highest water level 4.81 ft (1.47 m) below lsd, Mar. 28, 1972; lowest 7.82 ft (2.38 m) below lsd, Aug. 2, 28, 1973. Records available: 1968-74.

Dec. 30, 1970	6.99	Jan. 27, 1972	7.32	Nov. 13, 1972	7.47	Dec. 6, 1973	7.33
Jan. 27, 1971	5.68	Feb. 7	6.94	Dec. 12	6.48	14	7.36
Feb. 24	5.72	25	5.51	Feb. 13, 1973	7.36	Jan. 31, 1974	6.54
Mar. 25	6.89	Mar. 3	5.37	27	6.12	Mar. 9	6.15
Apr. 2	5.83	28	4.81	Mar. 8	7.25	28	6.04
14	6.01	Apr. 26	5.96	27	7.19	May 1	5.26
May 25	6.30	May 15	5.19	Apr. 4	7.10	30	6.20
27	5.30	25	6.16	16	6.54	June 18	7.12
June 15	6.83	June 4	6.58	May 3	6.31	15	7.24
30	6.96	26	6.95	22	7.14	28	7.28
July 20	7.47	27	7.06	June 15	7.40	Aug. 6	7.60
Aug. 17	7.70	July 14	7.32	July 2	7.57	Sept. 5	7.73
Sept. 2	7.73	27	6.83	Aug. 2	7.82	16	7.57
29	7.58	Aug. 2	6.12	13	7.70	Oct. 2	7.40
Oct. 4	7.63	24	7.15	28	7.82	29	7.44
27	7.54	29	7.43	Oct. 2	7.75	Dec. 2	7.37
Nov. 23	7.30	Oct. 4	7.26	Nov. 13	7.29	30	7.29
Dec. 28	7.27	19	7.33				

Hill County

483138109481001. Local number A-32-15-17ad. U.S. Geol. Survey. Drilled unused artesian well in deposits of Pleistocene age, diam 2 in (5.1 cm), depth 180 ft (55 m), cased to 152 ft (46 m). Lsd 2,580 ft (786 m) above msl. MF top of casing, 0.20 ft (0.06 m) above lsd. Highest water level 39.15 ft (11.93 m) below lsd, Apr. 26, 1971; lowest 52.56 ft (16.02 m) below lsd, June 18, 1947. Records available: 1947-74.

Feb. 16, 1971	39.64	Jan. 5, 1972	39.98	Mar. 28, 1973	40.78	Dec. 29, 1973	39.45
Apr. 1	39.40	Mar. 1	40.20	May 3	40.24	Feb. 27, 1974	40.01
26	39.15	Apr. 25	39.81	June 1	40.22	Mar. 26	40.27
May 24	39.23	June 16	39.96	28	40.18	Apr. 24	40.25
June 29	39.34	Aug. 2	40.29	July 27	40.41	May 30	39.91
July 28	39.60	Oct. 2	40.13	Aug. 28	40.57	June 26	39.95
Aug. 24	39.80	26	40.18	Oct. 1	40.63	July 30	39.98
Oct. 7	40.12	Nov. 28	40.20	30	40.73	Sept. 4	39.98
Nov. 2	40.22	Jan. 10, 1973	40.42	Nov. 26	41.12	Oct. 29	39.92
30	40.15	Mar. 2	41.08	Dec. 27	40.50	Dec. 26	40.28

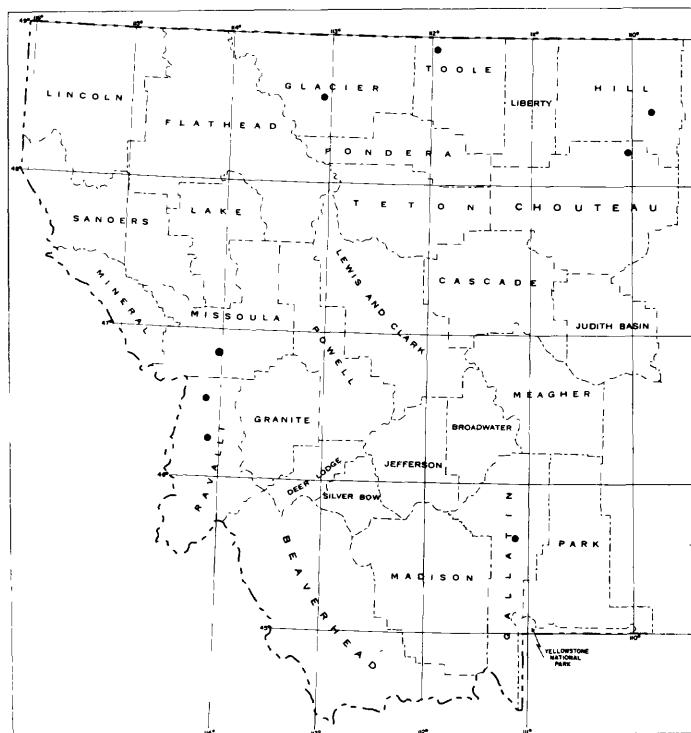
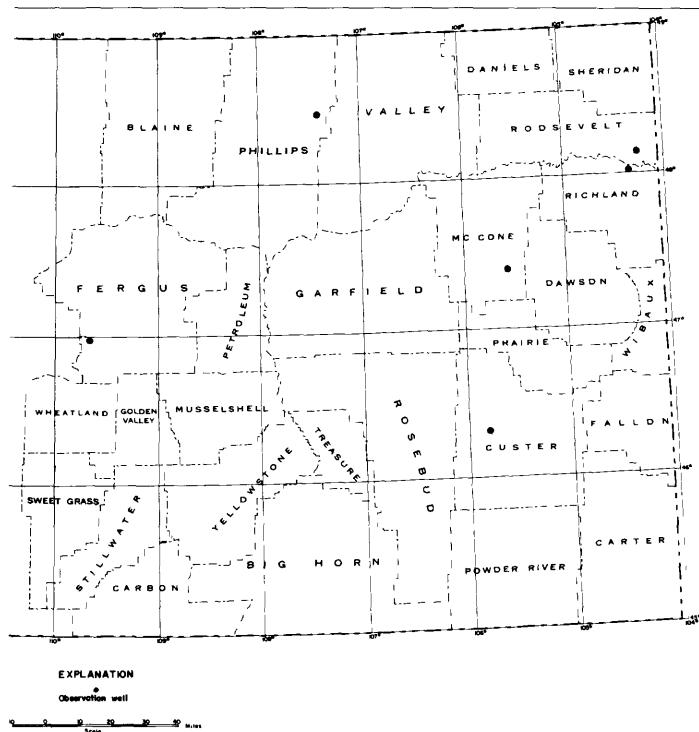


Figure 5.--Location of observation



wells in Montana, 1971-74.

McCone County

472515105342001. Local number A-19-48-11bc. City of Circle. Drilled unused water-table well in alluvium, diam 12 in (30 cm), depth 53 ft (16 m), cased with steel pipe. Lsd about 2,420 ft (738 m) above msl. MP top of plywood cover, 2.20 ft (0.67 m) above lsd. Highest water level 27.25 ft (8.31 m) below lsd, Oct. 11, 1954; lowest 33.90 ft (10.33 m) below lsd, Jan. 18, 1971. Records available: 1954-72. Well destroyed; measurement discontinued.

Date	Water level						
Jan. 18, 1971	33.90	July 15, 1971	30.75	Jan. 31, 1972	33.78	July 17, 1972	30.89
Feb. 15	33.80	Aug. 23	31.10	Feb. 23	31.20	Aug. 22	31.11
Mar. 18	30.09	Sept. 17	31.21	Mar. 18	29.97	Sept. 22	31.23
Apr. 19	30.48	Oct. 27	31.20	Apr. 18	30.24	Oct. 26	31.23
May 27	30.20	Nov. 18	31.12	May 19	30.47	Nov. 20	31.40
June 17	30.25	Dec. 14	31.11	June 20	30.68	Dec. 19	32.17

Missoula County

465320114051001. Local number B-13-20-14ac. Bonneville Power Administration. Drilled observation water-table well in terrace deposits, diam 6 in (15 cm), depth 36 ft (11 m), cased with pipe. Lsd 3,145 ft (959 m) above msl. MP top of casing, 1.30 ft (0.40 m) above lsd. Highest water level 8.08 ft (2.46 m) below lsd, June 20, 1974; lowest 21.14 ft (6.44 m) below lsd, May 1, 1961. Records available: 1959-74.

Jan. 26, 1971	18.33	Mar. 27, 1972	18.95	Apr. 26, 1973	20.97	Feb. 25, 1974	19.09
Feb. 22	18.90	Apr. 24	19.04	May 29	15.60	Mar. 20	19.59
Mar. 22	19.68	May 25	13.92	June 25	13.07	25	19.64
Apr. 26	20.12	June 22	9.31	July 26	13.10	Apr. 25	19.74
May 25	15.45	July 24	11.11	Aug. 27	13.06	May 29	15.08
June 25	11.03	Aug. 25	11.15	Sept. 19	12.48	June 20	8.08
July 21	11.55	Sept. 21	12.99	Oct. 25	12.94	July 24	11.23
Aug. 24	10.75	Oct. 26	15.98	Nov. 27	13.45	Aug. 26	12.29
Sept. 22	12.21	Dec. 26	17.20	Oct. 25	15.29	Sept. 25	13.46
Oct. 26	14.95	Jan. 24, 1973	18.12	Nov. 27	16.27	Oct. 9	13.93
Nov. 23	16.45	Feb. 26	19.90	Dec. 4	16.83	22	14.52
Dec. 23	17.83	Mar. 27	20.47	20	16.73	Nov. 21	16.31
Jan. 27, 1972	19.85	30	20.49	Jan. 28, 1974	18.02	Dec. 20	17.39
Feb. 22	19.72						

Phillips County

482722107201201. Local number A-31-34-8ca. W. D. Miller. Drilled unused water-table well in alluvium, diam 5 in (13 cm), depth 15 ft (5 m), cased with steel pipe. Lsd 2,175 ft (663 m) above msl. MP top of casing, 1.70 ft (0.52 m) above lsd. Highest water level 0.40 ft (0.12 m) below lsd, July 18, 1963; lowest 6.90 ft (2.10 m) below lsd, Mar. 11, 1953. Records available: 1947-74.

Jan. 6, 1971	4.54	Apr. 5, 1972	5.45	May 2, 1973	5.71	Mar. 6, 1974	5.16
Feb. 15	4.90	May 4	5.52	June 7	5.54	Apr. 3	5.16
Mar. 15	4.92	June 7	5.61	July 16	5.10	May 6	5.17
Apr. 5	5.92	Sept. 7	4.78	Aug. 6	4.82	June 5	5.05
May 5	4.79	Oct. 5	4.70	Sept. 13	4.57	July 3	4.75
July 6	4.56	Nov. 10	4.70	Oct. 3	4.53	Sept. 6	4.36
Oct. 20	4.70	Dec. 13	4.81	Nov. 7	4.61	Oct. 2	4.31
Dec. 22	4.58	Feb. 8, 1973	5.17	Dec. 6	4.73	Nov. 6	4.42
Jan. 21, 1972	4.78	Mar. 8	5.37	Jan. 10, 1974	4.98	Dec. 11	4.39
Feb. 18	5.03	Apr. 4	5.56	Feb. 7	5.11		

Ravalli County

461518114090801. Local number B-6-20-19cc1. Ravalli County Fairgrounds. Drilled observation water-table well in flood-plain alluvium, diam 6 in (15 cm), depth 40 ft (12 m), cased with steel pipe. Lsd 3,557 ft (1,084 m) above msl. MP top of recorder shelf, 3.00 ft (0.91 m) above lsd. Highest water level 3.06 ft (0.93 m) below lsd, June 25, 1971; lowest 16.87 ft (5.14 m) below lsd, Apr. 26, 1973. Records available: 1970-74.

Jan. 26, 1971	14.28	Feb. 22, 1972	14.24	Mar. 27, 1973	15.89	Jan. 22, 1974	13.17
Feb. 22	15.42	Mar. 27	14.24	29	16.01	Feb. 25	13.60
Mar. 22	15.77	Apr. 24	14.79	Apr. 26	16.87	Mar. 19	14.27
Apr. 27	15.85	May 25	10.15	May 25	9.59	25	14.47
May 24	8.97	June 22	6.18	June 26	5.94	Apr. 24	15.40
June 25	3.06	July 24	5.83	July 24	5.57	May 29	7.57
July 21	3.16	Aug. 25	5.72	Aug. 27	5.88	June 19	5.95
Aug. 24	3.24	Sept. 21	6.58	Sept. 18	6.95	July 24	6.45
Sept. 22	6.35	Oct. 26	9.32	26	7.44	Aug. 26	5.41
Oct. 26	9.80	Nov. 27	11.78	Oct. 24	10.48	Sept. 25	7.60
Nov. 23	11.78	Dec. 26	13.04	Nov. 27	11.77	Oct. 23	9.72
Dec. 23	13.20	Jan. 25, 1973	14.01	Dec. 3	12.05	Nov. 20	11.80
Jan. 27, 1972	13.53	Feb. 26	15.04	20	12.85	Dec. 20	13.60

463140114064001. Local number B-9-20-21ad1. Dan Shea. Drilled observation water-table well in alluvium underlying river terrace, diam 4 in (10 cm), depth 32 ft (10 m), cased with pipe. Lsd 3,308 ft (1,008 m) above ms1. MP top of casing, 0.80 ft (0.24 m) above lsd. Highest water level 2.36 ft (0.72 m) below lsd, June 26, 1973; lowest 2.99 ft (6.53 m) below lsd, Apr. 1, 1961.

Records available: 1955-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1971	20.79	Mar. 27, 1972	14.50	Apr. 26, 1973	9.17	Mar. 19, 1974	18.31
Feb. 22	22.40	Apr. 27	15.45	May 29	3.60	25	18.07
Mar. 22	23.35	May 25	15.33	June 21	3.44	25	11.93
Apr. 26	18.97	June 22	5.94	26	2.36	29	8.04
May 25	4.50	July 24	8.09	July 24	6.01	June 19	3.57
June 24	6.28	Aug. 25	2.63	Aug. 27	8.19	27	3.91
July 21	6.72	Sept. 21	5.77	Sept. 18	7.99	July 24	8.01
Aug. 24	5.37	Oct. 26	9.96	26	5.83	26	6.07
Sept. 22	10.11	Nov. 27	16.20	Oct. 25	10.56	Sept. 25	8.78
Oct. 26	14.16	Dec. 26	20.45	Nov. 27	12.33	Oct. 10	12.37
Nov. 23	18.29	Jan. 26, 1973	22.38	Dec. 3	13.64	22	15.11
Dec. 23	23.59	Feb. 26	24.95	20	17.04	Nov. 21	18.51
Jan. 27, 1971	21.50	Mar. 27	27.05	Jan. 28, 1974	17.07	Dec. 20	20.55
Feb. 22	19.63	30	27.19	Feb. 25	17.68		

Richland County

480713104285001. Local number A-27-56-3cca. U.S. Geol. Survey. Drilled observation water-table well in alluvium, diam 1k in (3.2 cm), depth 75 ft (23 m), cased to 75 ft (23 m), finished with continuous-slot drive point. Lsd 1,902.3 ft (579.8 m) above ms1. MP top of casing, 0.80 ft (0.24 m) above lsd. Highest water level 6.70 ft (2.04 m) below lsd, Mar. 20, 1972; lowest 13.93 ft (4.25 m) below lsd, Nov. 18, 1963. Records available: 1963-74.

Nov. 24, 1970	10.20	Nov. 29, 1971	12.11	Nov. 20, 1972	11.83	Oct. 2, 1973	13.09
Dec. 21	9.22	Jan. 3, 1972	10.53	Dec. 6	11.60	Nov. 28	12.93
Jan. 19, 1971	8.23	Feb. 15	8.68	Jan. 22, 1973	13.30	Jan. 3, 1974	12.40
Feb. 22	7.24	Mar. 20	6.70	Feb. 26	9.02	Apr. 19	10.20
Mar. 22	7.41	Apr. 17	8.53	Mar. 28	9.40	May 29	11.79
Apr. 21	8.56	May 15	9.08	Apr. 26	10.88	June 14	11.47
June 1	8.60	June 19	9.06	June 5	11.03	July 11	11.55
July 12	10.65	July 24	10.72	July 9	12.67	Aug. 9	11.82
Aug. 16	11.34	Sept. 25	11.42	Aug. 7	12.99	Sept. 25	11.21
Oct. 26	11.86						

Roosevelt County

480840104214001. Local number A-28-57-28dd. Abandoned school. Drilled unused water-table well in alluvium, diam 18 in (46 cm), depth 29 ft (9 m), cased with tile. Lsd 1,990 ft (607 m) above ms1. MP top of plattform, 0.20 ft (0.06 m) above lsd. Highest water level 16.20 ft (4.94 m) below lsd, July 10, 1974; lowest 27.52 ft (8.39 m) below lsd, Apr. 25, 1946. Records available: 1946-74.

Dec. 22, 1970	17.98	Nov. 29, 1971	17.78	Nov. 21, 1972	16.93	Nov. 28, 1973	17.32
Jan. 19, 1971	17.63	Jan. 3, 1972	18.17	Dec. 6	16.80	Jan. 3, 1974	21.45
Feb. 22	17.83	Feb. 15	17.95	Jan. 22, 1973	17.30	Apr. 19	16.76
Mar. 22	17.84	Mar. 20	18.25	Feb. 26	17.24	May 29	16.42
Apr. 21	16.90	Apr. 17	18.09	Mar. 28	17.20	June 14	16.43
June 1	16.88	May 15	17.51	Apr. 26	17.31	July 10	16.20
July 12	16.80	June 19	17.08	June 5	17.27	Aug. 9	16.52
Aug. 16	17.05	July 24	16.68	July 9	16.53	Sept. 25	16.47
Oct. 26	17.32	Sept. 25	16.74	Aug. 7	16.60		

Toole County

485311111540901. Local number B-36-2-8cc. C. Luckenbill. Driven observation water-table well in Pleistocene gravel in backfilled dug well, diam 1 $\frac{1}{4}$ in (3.2 cm), depth 15 ft (5 m), cribbed with wood, 1 $\frac{1}{4}$ -in (3.2-cm) pipe driven inside dug well. Lsd 3,330 ft (1,015 m) above ms1. MP top of 1 $\frac{1}{4}$ -in (3.2-cm) pipe, at lsd. Highest water level 1.22 ft (0.37 m) below lsd, May 16, 1967; lowest 10.89 ft (3.32 m) below lsd, Dec. 18, 1961. Records available: 1947-74.

Dec. 28, 1970	9.28	Nov. 22, 1971	9.60	Oct. 25, 1972	8.40	Nov. 26, 1973	8.65
Jan. 25, 1971	9.47	Dec. 13	9.67	Nov. 27	8.47	Dec. 16	8.91
Feb. 25	9.43	Jan. 29, 1972	9.94	Dec. 17	8.92	Jan. 28, 1974	8.60
22	7.12	25	9.96	Feb. 15, 1973	8.37	Feb. 13	9.20
Mar. 25	4.58	Feb. 14	10.10	23	8.14	May 13	4.25
Apr. 26	4.18	Mar. 29	3.86	Mar. 26	8.38	28	4.54
May 26	4.45	Apr. 24	3.82	Apr. 19	6.18	June 24	5.85
June 19	5.35	May 24	4.31	June 6	6.16	July 15	7.07
July 26	7.47	June 26	5.38	27	6.90	Sept. 20	9.15
Aug. 17	8.31	July 10	6.69	Aug. 17	6.95	Oct. 28	9.10
Sept. 2	8.79	26	6.88	28	7.16	Nov. 18	9.75
Oct. 5	9.39	Aug. 28	7.66	Oct. 16	7.90	Dec. 17	9.90
27	9.29						

OREGON

The observation-well program in Oregon, begun in 1928, was continued through 1974 in cooperation with the Oregon State Engineer. The number of wells in the observation-well network was about 780. One of the wells was equipped with a continuous water-level recording gage and two with nonrecording water-level gages. The rest were measured periodically by personnel of the State Engineer's office. Measurements were made in most of the wells three or four times a year to obtain records of the effects of pumping and seasonal changes in ground-water storage. The measurements generally were made in winter and spring before pumping began, during the pumping season, and at the end of the pumping season. Water-level measurements in 102 representative wells in the Oregon observation-well network are included in this report; the locations of these wells are shown in figure 6.

Well-Numbering System

Wells are numbered according to their latitude-longitude location, as explained on page 1. Local well numbers are also given.

The well-numbering system used in Oregon indicates the locations of wells according to the rectangular system of land division, with reference to the Willamette base line and meridian. For example, in the number 14S/15E-15dcb, the part preceding the hyphen indicates the township (T.14 south) and range (R.15 east). The number following the hyphen indicates the section (sec. 15) and the letters the location within the section. Quarter sections are lettered a, b, c, and d in counter-clockwise order starting in the northeast quarter of the section, and each quarter-quarter section (40-acre tract) and quarter-quarter-quarter section (10-acre tract) is subdivided in the same manner. Thus, the first letter (d) represents the quarter section, the second letter (c) the 40-acre tract, and the third letter (b) the 10-acre tract. Well 14S/15E-15dcb is in the NW₄SW₄SE₄ sec. 15, T.14 S., R.15 E. If more than one well is in a 10-acre tract, the wells are numbered serially following the third letter.

Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum, unless otherwise indicated.

Baker County

445125117551501. Local number 8S/39E-22bdd. Baker County. Dug observation water-table well in alluvium, size 18 x 18 in (46 x 46 cm), depth 11 ft (3 m), cribbed with wood to 9 ft (3 m), perforated 12-in (30-cm) steel casing 7-11 ft (2-3 m). Lsd 3,385.78 ft (1,031.99 m) above ms1. MP top of 1 $\frac{1}{2}$ -in (3.2-cm) pipe, 0.50 ft (0.15 m) above lsd. Highest water level 1.52 ft (0.46 m) below lsd, Feb. 22, 1973; lowest 9.87 ft (3.01 m) below lsd, Sept. 29, 1939. Records available: 1936, 1938-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 12, 1971	3.27	Aug. 30, 1972	4.74	May 23, 1973	5.42	May 8, 1974	5.45
Aug. 11	4.35	Nov. 15	2.28	Aug. 29	7.89	Aug. 7	4.28
Oct. 3	3.95	Feb. 22, 1973	1.52	Nov. 13	5.69	Nov. 6	4.11
Apr. 26, 1972	3.39						

444820117543501. Local number 9S/39E-2ccc. Kermit Hansen. Drilled unused water-table well in sand and gravel, diam 12 in (30 cm), depth 321 ft (98 m), perforations 0-321 ft (0-98 m). Lsd about 3,417 ft (1,042 m) above ms1. MP top of 12-in (30-cm) casing, 0.30 ft (0.09 m) above lsd. Highest water level 1.37 ft (0.42 m) below lsd, Feb. 17, 1965; lowest 13.95 ft (4.25 m) below lsd, Jan. 20, 1955. Records available: 1949-70, 1973-74. No measurement made in 1971-72. May 23, 1973, 8.30; Aug. 29, 11.02; Nov. 13, 12.89; Nov. 6, 1974, 9.69.

Benton County

442145123163201. Local number 14S/5W-10ddc. Formerly 14S/5E-10ddc. Chris Lindseth. Driven unused water-table well in alluvium, diam 1 $\frac{1}{2}$ in (3.2 cm), depth 19 ft (6 m), cased with steel to 19 ft (6 m). Lsd 267.49 ft (81.53 m) above ms1. MP top of 1 $\frac{1}{2}$ -in (3.8-cm) pipe, 2.40 ft (0.73 m) above lsd. Highest water level 0.21 ft (0.06 m) above lsd, Feb. 26, 1936; lowest 16.23 ft (4.95 m) below lsd, Sept. 27, 1945. Records available: 1929-30, 1935-36, 1938-74.

Jan. 6, 1971	6.83	Jan. 10, 1972	8.74	Sept. 29, 1972	15.02	July 25, 1973	15.39
Apr. 6	7.97	Mar. 31	7.31	Jan. 4, 1973	9.48	Oct. 15	15.46
July 8	11.33	Aug. 7	14.40	Apr. 23	12.20	Oct. 3, 1974	15.25
Oct. 7	9.49						

Clackamas County

451905122475801. Local number 3S/1W-10cccd. Charles Jenkins. Drilled domestic artesian well tapping confined water in the Columbia River Basalt Group (previously reported Columbia River Group), diam 5 in (15 cm), reported depth 115 ft (35 m), cased with steel. Lsd 235 ft (92 m) above msl. MP top of galvanized casing extension, 1.45 ft (0.44 m) above lsd. Highest water level 68.42 ft (20.85 m) below lsd, May 12, 1956; lowest 91.26 ft (27.82 m) below lsd, Oct. 17, 1974. Records available: 1951-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25, 1971	81.25	Oct. 13, 1971	82.30	Jan. 18, 1973	83.33	July 16, 1974	81.36
April 20	77.42	Jan. 18, 1972	80.55	June 4	83.14	Oct. 17	91.26
July 21	78.83	Sept. 8	80.98				

Crook County

442100120541701. Local number 14S/15E-15dcb. L. H. McPhetridge. Drilled domestic and stock artesian well in sand and gravel(?), diam 4 in (10 cm), depth 210 ft (64 m), cased with steel. Lsd 2,846.8 ft (867.7 m) above msl. MP center line of pressure gage, 6.50 ft (1.98 m) above lsd. Highest water level 75.5 ft (23.0 m) above lsd, Mar. 12, 1964; lowest 36.5 ft (11.1 m) above lsd, July 23, 1957. Records available: 1944-74.

Mar. 22, 1971	+69.50	Oct. 5, 1971	+70.50	Nov. 17, 1972	+68.5	Aug. 31, 1973	+61.5
May 14	53	Apr. 28, 1972	71.5	Feb. 23, 1973	68.5	Nov. 15	67.5
Aug. 12	61	Aug. 31	68.5	May 24	60.5	Nov. 15, 1974	58.50

442029120504801. Local number 14S/16E-19add. Leslie Clausen. Drilled domestic water-table well in sandy material of Pleistocene age, diam 6 in (15 cm), depth 47 ft (14 m), cased with steel. Lsd about 2,970 ft (905 m) above msl. MP top of 6-in (15-cm) casing, 1.50 ft (0.46 m) below lsd. Highest water level 0.93 ft (0.28 m) below lsd, Aug. 13, 1965; lowest 21.22 ft (6.47 m) below lsd, Apr. 28, 1961. Records available: 1944-74.

Mar. 22, 1971	14.64	Oct. 5, 1971	11.33	May 24, 1973	11.55	May 10, 1974	18.33
May 14	10.49	Apr. 28, 1972	17.90	Aug. 31	8.37	Aug. 9	8.19
Aug. 12	6.04	Feb. 23, 1973	15.86	Nov. 15	11.49	Nov. 15	10.90

441819120503301. Local number 14S/16E-32cdd. Roy E. Fuller. Formerly E. E. Wagoner, Dunham and Sixth Sts., Prineville. Drilled unused artesian well in sand and gravel, diam 5 in (13 cm), depth 160 ft (49 m), cased with steel. Lsd 2,865.90 ft (904.01 m) above msl. MP hole in casing, 1.70 ft (0.52 m) above lsd. Highest water level 1.82 ft (0.55 m) above lsd, Dec. 8, 1945; lowest 21.36 ft (6.51 m) below lsd, Aug. 8, 1958. Records available: 1944-74.

Mar. 22, 1971	5.43	Oct. 5, 1971	6.36	May 24, 1973	8.79	Aug. 9, 1974	10.07
May 14	7.72	Apr. 28, 1972	6.26	Aug. 31	11.99	Nov. 15	5.04
Aug. 12	18.07	Feb. 23, 1973	5.76	Nov. 15	7.09		

Deschutes County

44400121275001. Local number 21S/11E-19ccc. Inez Kellems. Dug domestic and stock water-table well in sand and gravel, diam 6 in (15 cm), depth 100 ft (30 m), cased to 70 ft (21 m). Lsd 4,208 ft (1,283 m) above msl. MP top of casing, 0.20 ft (0.06 m) above lsd. Highest water level 10.90 ft (3.32 m) below lsd, Aug. 14, 1956; lowest 41.63 ft (12.69 m) below lsd, Oct. 23, 1964. Records available: 1945, 1948-74.

Jan. 22, 1971	31.10	Apr. 10, 1972	23.64	Apr. 26, 1973	24.10	July 26, 1974	21.21
April 13	30.67	July 11	20.44	July 10	23.24	Oct. 8	21.11
July 15	26.38	Oct. 12	22.10	Oct. 2	23.05		

Harney County

433705118695401. Local number 22S/31E-34ccb. Jay Hoyt. Formerly Burt Schroder. Drilled stock artesian well in Danforth Formation, diam 18 to 8 in (46 to 20 cm), depth 288 ft (88 m), cased with steel to 68 ft (21 m). Lsd 4,153.17 ft (1,265.89 m) above msl. MP top of well cover at bored hole, 1.00 ft (0.30 m) above lsd. Highest water level 1.50 ft (0.46 m) below lsd, Apr. 21, 1936; lowest 19.82 ft (6.04 m) below lsd, June 6, 1974. Records available: 1936-74.

Mar. 25, 1971	13.06	May 10, 1972	14.78	Sept. 19, 1973	17.91	Aug. 29, 1974	16.19
Aug. 25	14.97	Sept. 21	16.49	June 6, 1974	19.82	Nov. 12	15.78
Nov. 17	14.99	June 20, 1973	15.67				

433400121275001. Local number 22S/31E-16bcc. Harney County. Dug observation water-table well in alluvium, size 18 x 18 in (46 x 46 cm), depth 14 ft (4 m), cribbed with wood to 11 ft (3 m), perforated 12-in (30-cm) steel casing 10-14 ft (3-4 m). Lsd 4,146.30 ft (1,263.79 m) above msl. MP top of 1½-in (3.2-cm) pipe, 1.00 ft (0.30 m) above lsd. Highest water level 0.80 ft (0.24 m) below lsd, Apr. 16, 1952; lowest 9.10 ft (2.77 m) below lsd, Jan. 15, 1936. Records available: 1936, 1938-71. Measurement discontinued. Mar. 24, 1971, 5.43.

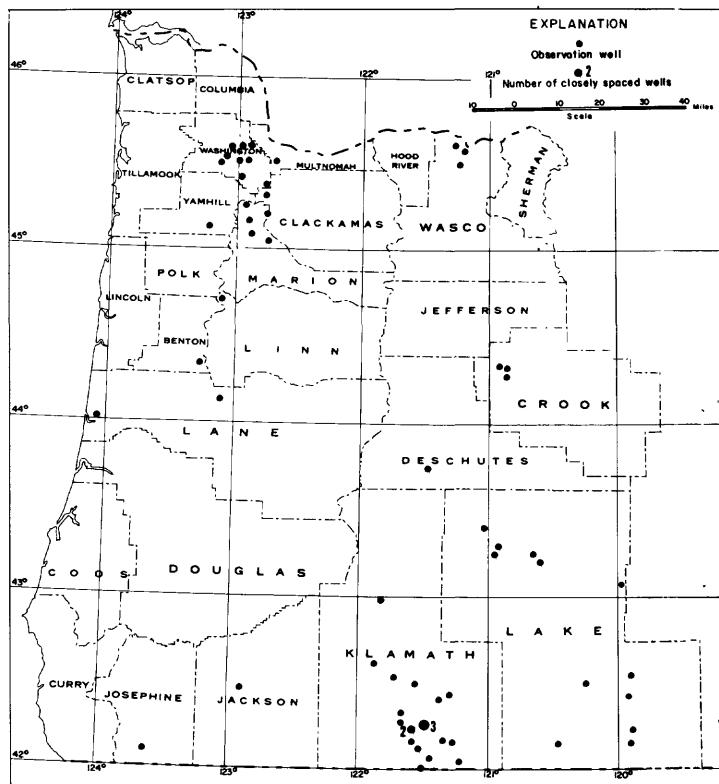
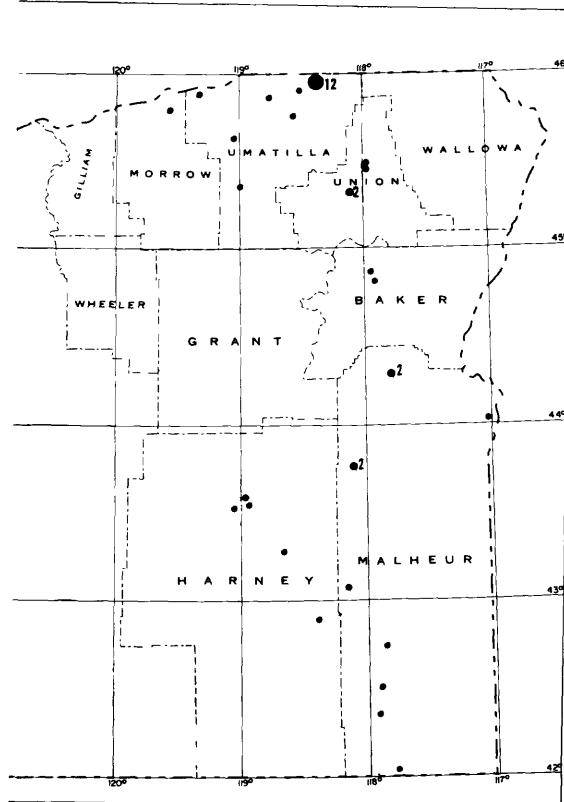


Figure 6.--Location of observation



Wells in Oregon, 1971-74.

GROUND-WATER LEVELS, 1971-74, NORTHWESTERN STATES

433527118560502. Local number 23S/32E-7cab. Dorland Ray. Drilled irrigation artesian well in alluvium, diam 18 in (46 cm), depth 93 ft (28 m), cased to 60 ft (18 m). Lsd 4,135.24 ft (1,260.42 m) above msl. MP top of casing, 0.36 ft (0.11 m) below lsd. Highest water level 2.07 ft (0.63 m) below lsd, May 19, 1965; lowest 38.37 ft (11.70 m) below lsd, July 30, 1931. Records available: 1928-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 26, 1971	(a)	Sept. 20, 1972	15.04	Sept. 19, 1973	b44.76	Aug. 28, 1974	(a)
Aug. 25	(a)	June 20, 1973	30.52	June 5, 1974	3.73	Nov. 20	9.28
May 10, 1972	(a)						

a Well being pumped.

b Well pumped recently.

431551118381001. Local number 26S/33E-34ccca. Formerly 26S/33E-34ccc. Davis Farms. Formerly George Merrick. Drilled irrigation water-table well in cinders, diam 14 in (36 cm), depth 81 ft (25 m), cased with steel to 30 ft (9 m). Lsd 4,120 ft (1,255 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 19.66 ft (5.99 m) below lsd, Dec. 2, 1965; lowest 22.10 ft (6.74 m) below lsd, Mar. 9, 1967. Records available: 1962-74.

June 11, 1971	20.50	May 30, 1972	20.30	May 22, 1973	19.96	Feb. 22, 1974	20.55
Aug. 25	20.70	Aug. 30	19.87	Aug. 27	20.46	May 23	20.71
Dec. 1	20.54	Feb. 16, 1973	19.71	Nov. 20	20.34	Aug. 26	21.07
Feb. 16, 1972	21.40						

425400118205001. Local number 31S/35E-1bb. Fred Pallock. Drilled unused water-table well in alluvium, diam 8 in (20 cm), depth 32 ft (10 m), cased with steel to unknown depth. Lsd 4,270 ft (1,302 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 4.18 ft (1.27 m) below lsd, May 10, 1972; lowest 18.12 ft (5.52 m) below lsd, Nov. 20, 1963, May 21, 1964. Records available: 1954-74.

Aug. 25, 1971	10.66	Sept. 20, 1972	5.48	Sept. 18, 1973	11.19	Aug. 25, 1974	a12.80
Nov. 17	10.66	June 20, 1973	8.49	June 5, 1974	8.39	Nov. 20	9.60
May 10, 1972	4.18						

a Well being pumped.

Jackson County

422517122543401. Local number 36S/2W-23cca. U.S. Geol. Survey. Drilled observation water-table well in alluvium, diam 8 in (20 cm), depth 110 ft (34 m), cased with steel to 106 ft (32 m). Lsd 1,230 ft (375 m) above msl. MP top of casing, 2.00 ft (0.61 m) above lsd. Highest water level 2.27 ft (0.69 m) below lsd, Mar. 5, 1962; lowest 12.47 ft (3.80 m) below lsd, Sept. 23, 1966. Records available: 1953-54, 1956, 1958-74.

Jan. 21, 1971	4.42	Jan. 20, 1972	5.27	Jan. 22, 1973	5.50	Jan. 21, 1974	6.57
Feb. 22	4.05	Feb. 22	4.63	Feb. 20	5.35	Feb. 21	5.97
Mar. 23	3.70	Mar. 22	4.42	Mar. 20	5.44	Mar. 20	5.81
Apr. 21	4.43	Apr. 24	5.15	Apr. 23	6.27	Apr. 22	6.68
May 21	5.92	May 23	6.15	May 19	7.25	May 20	8.00
June 22	6.33	June 22	7.01	June 20	8.30	June 20	7.32
July 20	7.78	July 21	8.20	July 20	9.05	July 19	10.25
Aug. 23	8.67	Aug. 24	8.90	Aug. 20	9.59	Aug. 20	10.95
Sept. 21	9.08	Sept. 21	9.35	Sept. 19	9.67	Sept. 20	11.52
Oct. 21	9.05	Oct. 31	9.20	Oct. 23	9.74	Oct. 21	11.62
Nov. 22	6.98	Nov. 24	9.05	Nov. 20	6.21	Nov. 19	9.59
Dec. 21	5.64	Dec. 20	7.35	Dec. 20	6.80	Dec. 20	8.84

Josephine County

420756123380201. Local number 39S/8W-34caa. U.S. Geol. Survey. Drilled observation water-table well in alluvium, diam 6 in (15 cm), depth 114 ft (35 m), cased with steel to 114 ft (35 m), perforated 27-45 ft (8-14 m), 84-110 ft (?), (27-34 m?). Lsd 1,350 ft (411 m) above msl. MP top of casing, 2.00 ft (0.61 m) above lsd. Highest water level 3.54 ft (1.08 m) below lsd, Jan. 27, 1954; lowest 24.88 ft (7.58 m) below lsd, Jan. 18, 1960. Records available: 1952-73. No measurement made in 1974.

Jan. 5, 1971	7.46	July 14, 1971	17.08	Apr. 7, 1972	7.84	Jan. 19, 1973	6.70
April 5	7.33	Jan. 11, 1972	9.63	July 12	18.38	April 3	8.11

Klamath County

425908121505501. Local number 30S/7E-1ldab. Crown Zellerbach Corp. Drilled industrial water-table well in unknown aquifer, diam 6 in (15 cm), depth 123 ft (37 m), cased with steel to unknown depth. Lsd 4,610 ft (1,405 m) above msl. MP top of casing, 0.40 ft (0.12 m) above lsd. Highest water level 55.92 ft (17.04 m) below lsd, Dec. 3, 1958; lowest 76.61 ft (23.35 m) below lsd, Nov. 4, 1970. Records available: 1954-71, 1974. No measurement made in 1972-73. July 29, 1971, 72.99; Oct. 21, 72.64; Apr. 26, 1974, 67.52; Oct. 25, 70.45.

423832121524801. Local number 34S/7E-9adb. State of Oregon. Drilled domestic water-table well in basalt, diam 6 in (15 cm), depth 221 ft (67 m), cased with steel to 43 ft (13 m). Lsd 4,220 ft (1,286 m) above msl. MP $\frac{1}{2}$ -in (1.3-cm) bolt above top of casing, 4.84 ft (1.48 m) below lsd. Highest water level 18.51 ft (5.64 m) below lsd, Dec. 22, 1956; Nov. 10, 1972; lowest 25.24 ft (7.69 m) below lsd, Sept. 24, 1962. Records available: 1955-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 12, 1971	19.44	Apr. 13, 1972	18.53	May 11, 1973	19.26	Apr. 26, 1974	20.15
Apr. 30	18.68	July 20	22.53	July 20	19.40	July 26	25.04
Oct. 21	18.56	Nov. 10	18.51				

423408121430901. Local number 35S/8E-lbcc. H. G. Wolff. Drilled domestic water-table well in unknown aquifer, diam 6 in (15 cm), depth 102 ft (31 m), cased with steel to unknown depth. Lsd 4,305 ft (1,312 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 1.45 ft (0.44 m) below lsd, Apr. 8, 1956; lowest 11.28 ft (3.44 m) below lsd, Jan. 24, 1968. Records available: 1954-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 10, 1971	3.18	May 9, 1973	5.89	Oct. 24, 1973	9.26	July 24, 1974	6.58
Oct. 21	10.63	July 18	8.14	Apr. 24, 1974	3.49	Oct. 23	11.25
Apr. 13, 1972	3.38						

4231311212340801. Local number 35S/10E-19aca. Wolfe Butte Ranch. Formerly Ted Chrume. Drilled domestic water-table well in volcanic rock, diam 6 in (15 cm), depth 360 ft (110 m), cased to 70 ft (21 m). Lsd 4,300 ft (1,310 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 6.98 ft (2.13 m) below lsd, Apr. 18, 1956; lowest (revised) 29.18 ft (8.89 m) below lsd, Oct. 23, 1970. Records available: 1954-74. The measurement of 40.72 ft on July 24, 1968, published in WSP 1980, should have been footnoted (b), "well pumped recently".

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 10, 1971	9.88	Feb. 7, 1973	14.63	Oct. 24, 1973	15.89	July 24, 1974	9.29
Apr. 28	7.78	May 9	11.62	Apr. 24, 1974	8.71	Oct. 23	11.90
Nov. 8, 1972	15.69	July 18	15.65				

422446121210801. Local number 36S/11E-36aab. William L. Gallagher. Drilled irrigation water-table well in basalt, diam 16 in (41 cm), depth 223 ft (68 m), cased with steel to 96 ft (29 m). Lsd 4,325 ft (1,318 m) above msl. MP hole in north side of pumpbase, at lsd. Highest water level 8.20 ft (2.50 m) below lsd, Apr. 19, 1967; lowest 11.40 ft (3.47 m) below lsd, Oct. 30, 1970. Records available: 1954-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 10, 1971	9.14	Oct. 21, 1971	9.52	Nov. 8, 1972	10.03	July 18, 1973	(a)
Apr. 28	10.12	Apr. 12, 1972	9.40	May 9, 1973	(a)	Oct. 24	10.49
July 27	8.97						

a Well being pumped.

422642121160901. Local number 36S/12E-14ccb. Jim Godowa. Drilled unused artesian well in sand and gravel, diam 6 in (15 cm), depth 48 ft (15 m), cased with steel to unknown depth. Lsd 4,345 ft (1,334 m) above msl. MP top of casing, 1.50 ft (0.46 m) below lsd. Highest water level 0.71 ft (0.22 m) below lsd, July 17, 1973; lowest 6.64 ft (2.02 m) below lsd, Aug. 26, 1955. Records available: 1954-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 10, 1971	1.67	Oct. 20, 1971	1.92	July 17, 1973	0.71	July 24, 1974	3.10
Apr. 28	1.75	Apr. 12, 1972	1.78	Oct. 23	2.61	Oct. 23	2.69
July 27	2.96	May 9, 1973	2.38	Apr. 24, 1974	1.80		

421920121400002. Local number 37S/10E-29dbbl. Don Roberts. Drilled stock perched water-table well in sedimentary rocks, diam 10 in (25 cm), depth 100 ft (30 m), cased with steel. Lsd about 4,187 ft (1,276 m) above msl. MP top of 10-in (25-cm) steel casing, 2.50 ft (0.76 m) above lsd. Highest water level 6.41 ft (1.95 m) below lsd, Apr. 24, 1974; lowest 13.52 ft (4.12 m) below lsd, Nov. 19, 1949. Records available: 1949-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 11, 1971	6.99	Apr. 12, 1972	10.12	May 10, 1973	7.81	Apr. 24, 1974	6.41
Apr. 29	6.83	Nov. 9	10.13	July 19	8.19	July 25	7.77
July 28	7.17	Feb. 8, 1973	9.41	Oct. 25	9.55	Oct. 24	11.51

421920121400001. Local number 37S/10E-29dbb2. Don Roberts. Drilled stock water-table well in gravel, diam 18 in (46 cm), depth 800 ft (244 m), cased with steel to 20 ft (6 m). Lsd about 4,186 ft (1,276 m) above msl. MP top of casing, at lsd. Highest water level 20.78 ft (6.33 m) below lsd, Apr. 17, 1958; lowest 31.24 ft (9.52 m) below lsd, July 31, 1969. Records available: 1949-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 11, 1971	23.02	Nov. 9, 1972	27.76	July 19, 1973	27.31	July 25, 1974	24.78
Apr. 29	28.64	Feb. 8, 1973	27.41	Oct. 25	29.14	Oct. 24	28.66
Oct. 21	27.98	May 10	26.48	Apr. 25, 1974	25.21		

421630121392701. Local number 38S/10E-9ccb1. Formerly 38S/10E-9ccb. Frank Riley. Drilled stock water-table well in basalt, diam 6 in (15 cm), depth 135 ft (41 m), cased with steel to 25 ft (8 m). Lsd 4,210 ft (1,283 m) above msl. MP top of casing, 0.70 ft (0.21 m) above lsd. Highest water level 107.55 ft (32.78 m) below lsd, Apr. 17, 1958; lowest 118.80 ft (36.21 m) below lsd, July 25, 1968. Records available: 1949-72. No measurement made in 1973-74. Feb. 11, 1971; 111.45; Apr. 29, 110.35; July 28, 116.82; Oct. 21, 113.80; Apr. 12, 1972, 109.52; July 20, 116.18; Nov. 9, 118.26.

421710121285001. Local number 38S/11½E-12cca3. Frank Challis. Drilled unused artesian well in red porous lava rock, diam 12 in (30 cm), depth 150 ft (46 m), cased with steel to 5 ft (2 m). Lsd about 4,161 ft (1,268 m) above msl. MP top of bent casing, at lsd. Highest water level 44.02 ft (13.42 m) below lsd, Aug. 6, 1958; lowest 48.58 ft (14.81 m) below lsd, July 25, 1968. Records available: 1949-74. Recording gage installed January 1971; inoperative after Dec. 31, 1971.

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	46.50	46.19	46.08	45.49	45.25	45.03	46.24	46.66	46.09	45.82	45.92	45.94
10	46.38	46.20	46.01	45.50	45.16	45.28	46.02	46.39	46.03	45.80	45.90	45.90
15	46.47	46.14	46.05	45.39	45.01	45.45	46.17	46.32	45.96	45.78	45.96	46.00
20	46.30	46.18	46.02	45.32	45.01	45.62	46.22	46.43	46.00	45.85	45.95	45.95
25	46.27	46.08	.....	45.27	45.19	45.95	46.30	46.45	45.92	45.85	45.97	45.97
Eom	46.21	46.03	.....	45.29	45.11	46.20	46.49	46.22	45.87	45.86	45.99	45.99

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 7, 1972	45.85	Oct. 6, 1972	45.80	July 25, 1973	48.34	May 6, 1974	45.80
Mar. 7	45.03	Nov. 14	45.82	Sept. 5	47.92	June 24	47.13
17	44.88	Jan. 10, 1973	46.00	Oct. 26	47.34	Aug. 15	47.55
Apr. 14	44.84	Feb. 7	46.03	Nov. 13	47.22	Oct. 3	46.90
June 1	45.44	Mar. 21	45.90	28	47.21	Nov. 8	46.74
July 11	46.11	May 1	45.88	Jan. 15, 1974	46.80	18	46.69
Sept. 11	46.19	June 6	47.30	Feb. 11	47.00		

421605121290501. Local number 38S/11½E-13ccc. Herman Pongraft (previously reported Herman Pongraft). Drilled unused perched water-table well in diatomaceous ash, diam 20 in (51 cm), depth 600 ft (183 m), cased with steel to 16 ft (5 m). Lsd about 4,152 ft (1,266 m) above msl. MP top of casing, south side, 0.42 ft (0.13 m) above lsd. Highest water level 18.54 ft (5.65 m) below lsd, Jan. 28, 1965; lowest 26.20 ft (7.99 m) below lsd, July 11, 1950. Records available: 1948-74.

Feb. 11, 1971	19.64	Apr. 12, 1972	20.14	May 10, 1973	21.73	April 25, 1974	20.30
Apr. 29	18.84	July 19	22.72	July 19	24.51	July 25	22.60
July 28	23.74	Nov. 9	23.21	Oct. 25	23.78	Oct. 24	24.03
Oct. 20	22.25	Feb. 8, 1973	22.39				

4216101211303001. Local number 38S/11½E-15dda. George McCollum. Drilled irrigation water-table well in lava rock and cinders, diam 12 in (30 cm), depth 495 ft (151 m), cased with steel. Lsd about 4,198 ft (1,280 m) above msl. MP airline hole in pumpbase, southwest corner, 1.05 ft (0.32 m) above lsd. Highest water level 75.35 ft (22.97 m) below lsd, Apr. 17, 1958; lowest 79.64 ft (24.27 m) below lsd, July 25, 1968. Records available: 1948, 1950-74.

Feb. 11, 1971	77.86	Oct. 20, 1971	78.70	May 10, 1973	(a)	July 25, 1974	(a)
Apr. 29	76.77	July 19, 1972	(a)	July 19	(a)	Oct. 24	78.24
July 28	79.12						

a Well being pumped.

4214311212340401. Local number 38S/11½E-30dac. Formerly 38S/11½E-30. David S. Moore. Drilled irrigation water-table well in broken lava rock and cinders, diam 14 in (36 cm), depth 175 ft (53 m), cased with steel to 120 ft (37 m). Lsd about 4,217 ft (1,285 m) above msl. MP top of hole in pumpbase, 1.00 ft (0.30 m) above lsd. Highest water level 99.94 ft (30.46 m) below lsd, Apr. 17, 1958; lowest 123.64 ft (37.69 m) below lsd, July 25, 1974. Records available: 1948-74.

Feb. 11, 1971	103.95	May 10, 1973	103.95	Oct. 25, 1973	117.29	July 25, 1974	123.64
July 28	(a)	July 19	(a)	Apr. 25, 1974	107.76	Oct. 24	116.87
July 20, 1972	(a)						

a Well being pumped.

4209081212131701. Local number 39S/11½E-28ddd. Ben E. Smith. Drilled domestic and stock water-table well in diatomite, diam 6 in (15 cm), depth 460 ft (140 m), cased with steel to 60 ft (18 m). Lsd 4,105 ft (1,251 m) above msl. MP top of concrete curb, south side, 0.30 ft (0.09 m) above lsd. Highest water level 6.50 ft (1.98 m) below lsd, Aug. 25, 1955; lowest 29.63 ft (9.03 m) below lsd, July 25, 1974. Records available: 1954-74.

Feb. 11, 1971	11.65	July 19, 1972	23.38	May 10, 1973	24.68	April 25, 1974	9.87
July 28	27.75	Nov. 9	13.61	July 19	24.40	July 25	29.63
Oct. 20	21.34	Feb. 8, 1973	12.05	Oct. 25	24.58	Oct. 24	24.75

420919121190201. Local number 39S/12E-29dbc. Robert Vogel. Drilled domestic water-table well in basalt, diam 6 in (15 cm), depth 88 ft (27 m), cased with steel to unknown depth. Lsd 4,140 ft (1,262 m) above msl. MP top of casing, at lsd. Highest water level 13.44 ft (4.10 m) below lsd, July 24, 1957; lowest 25.46 ft (7.76 m) below lsd, Feb. 18, 1955. Records available: 1954-71, 1973-74. No measurement made in 1972.

Feb. 11, 1971	23.40	May 10, 1973	21.34	Oct. 25, 1973	17.86	July 25, 1974	15.32
Oct. 20	19.48	July 19	15.27	Apr. 25, 1974	22.76	Oct. 24	19.08

420845121150601. Local number 39S/12E-35add. Lloyd Crawford. Drilled domestic and stock artesian well in basalt, diam 6 in (15 cm), depth 360 ft (110 m), cased with steel to unknown depth. Lsd 4,170 ft (1,271 m) above msl. MP top of casing, at lsd. Highest water level 33.26 ft (10.14 m) below lsd, Aug. 5, 1958; lowest 43.42 ft (13.23 m) below lsd, May 2, 1961. Records available: 1954-74.

420845121150601--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 11, 1971	39.04	May 10, 1973	39.59	Oct. 25, 1973	39.29	July 25, 1974	37.19
Nov. 9, 1972	39.44	July 19	36.96	Apr. 25, 1974	41.15	Oct. 24	37.30
Feb. 8, 1973	41.55						

420623121293601. Local number 40S/11E-11bad. A. W. Chapp. Drilled irrigation and stock water-table well in basalt, diam 12 in (30 cm), depth 992 ft (302 m), cased with steel to unknown depth. Lsd 4,150 ft (1,265 m) above msl. MP top of 1-in (.64-cm) hole in pumpbase flange, 0.60 ft (0.18 m) above lsd. Highest water level 8.38 ft (2.55 m) below lsd, Apr. 7, 1956; lowest 28.83 ft (8.79 m) below lsd, July 22, 1964. Records available: 1954-72. No measurement made in 1973-74. Feb. 11, 1971, 19.50; Oct. 20, 20.54; Apr. 13, 1972, 16.57; July 19 (well being pumped).

420232121241201. Local number 41S/12E-3cba. George Rajnus. Drilled domestic water-table well in alluvium, diam 4 in (10 cm), depth 76 ft (23 m), cased with steel to unknown depth. Lsd 4,110 ft (1,253 m) above msl. MP top of casing, 0.30 ft (0.09 m) above lsd. Highest water level 0.75 ft (0.23 m) below lsd, Feb. 18, 1955; lowest 4.56 ft (1.39 m) below lsd, July 24, 1968. Records available: 1954-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 10, 1971	2.49	April 13, 1972	3.41	May 9, 1973	2.68	April 24, 1974	2.95
Apr. 28	2.73	July 19	3.30	July 18	3.45	July 24	3.85
July 27	3.40	Nov. 8	2.72	Oct. 24	3.66	Oct. 23	3.21
Oct. 21	2.84	Feb. 7, 1973	1.89				

415954121271501. Local number 41S/12E-19ac. D. P. Reid. Dug domestic and stock water-table well in alluvium, diam unknown, depth about 30 ft (9 m), casing information not available. Lsd 4,045 ft (1,233 m) above msl. MP edge of concrete curb, 1.50 ft (0.46 m) below lsd. Highest water level 3.18 ft (0.97 m) below lsd, May 3, 1961; lowest 11.67 ft (3.56 m) below lsd, June 11, 1960. Records available: 1954-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 10, 1971	5.68	April 13, 1972	5.29	May 9, 1973	5.30	April 24, 1974	5.87
Apr. 28	6.98	July 19	9.29	July 18	11.25	July 24	5.58
July 27	a9.90	Nov. 8	6.69	Oct. 24	6.19	Oct. 23	7.34
Oct. 21	6.16	Feb. 7, 1973	6.05				

a Well being pumped.

42024121122801. Local number 41S/14E-8cca. Charles Kilgore. Drilled irrigation water-table well in basalt breccia, diam 16 to 12 in (41 to 30 cm), depth 210 ft (64 m), cased with steel to 8 ft (2 m). Lsd 4,160 ft (1,268 m) above msl. MP hole in pumpbase, 1.00 ft (0.30 m) above lsd. Highest water level 14.84 ft (4.52 m) below lsd, Jan. 28, 1965; lowest 21.12 ft (6.44 m) below lsd, Apr. 25, 1974. Records available: 1954-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 11, 1971	17.01	July 19, 1972	20.46	May 10, 1973	18.04	April 25, 1974	21.12
Oct. 20	16.52	Nov. 9	17.09	July 19	20.83	July 25	18.12
Apr. 13, 1972	16.02	Feb. 8, 1973	15.82	Oct. 25	17.61	Oct. 24	17.63

Lake County

432435121015001. Local number 25S/14E-15bcc. Ira A. Dutcher. Drilled unused water-table well in basalt, diam 18 in (46 cm), depth 220 ft (67 m), cased with steel. Lsd about 4,350 ft (1,326 m) above msl. MP top of corrugated steel casing, at lsd. Highest water level 40.88 ft (12.46 m) below lsd, Oct. 7, 1974; lowest 52.88 ft (16.12 m) below lsd, Oct. 22, 1948. Records available: 1932, 1935-36, 1938-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 21, 1971	44.27	Oct. 18, 1971	43.92	April 25, 1973	43.63	July 1, 1974	43.43
Apr. 13	45.05	July 10, 1972	43.74	July 9	43.90	Oct. 7	40.88
July 14	45.02	Oct. 11	43.79	Oct. 1	43.88		

431826120553702. Local number 26S/15E-22abb. M. V. Parks. Drilled unused water-table well in lacustrine sediments, diam 12 in (30 cm), depth 265 ft (81 m), casing information not available. Lsd about 4,313 ft (1,321 m) above msl. MP copper nail and washer at northeast corner of square opening in plank well covering, at lsd. Highest water level 19.51 ft (5.95 m) below lsd, Aug. 22, 1956; lowest 28.07 ft (8.56 m) below lsd, Feb. 18, 1950. Records available: 1940-41, 1948-71. Measurement discontinued. Jan. 21, 1971, 23.04.

431536120563901. Local number 27S/15E-4acal. M. V. Parks. Drilled irrigation water-table well in basaltic agglomerate, diam 16 in (41 cm), depth 257 ft (78 m), cased to 14 ft (4 m). Lsd about 4,335 ft (1,321 m) above msl. MP top of casing, 2.00 ft (0.61 m) above lsd (since May 4, 1972). Highest water level 35.70 ft (10.88 m) below lsd, Dec. 13, 1974; lowest 37.80 ft (11.52 m) below lsd, July 15, 1971, Sept. 15, 1971. Records available: 1932, 1935-36, 1938-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 17, 1971	36.80	Sept. 15, 1971	37.80	May 4, 1972	36.50	Feb. 20, 1973	36.20
Feb. 21	36.70	Oct. 15	36.80	June 12	b39.00	Mar. 26	36.10
Mar. 25	36.75	Nov. 14	36.60	July 10	b37.60	Apr. 12	36.15
Apr. 26	36.70	Dec. 20	36.55	Aug. 12	37.00	May 17	b37.10
May 14	36.70	Jan. 27, 1972	36.25	Sept. 2	37.10	June 9	37.20
June 26	37.20	Feb. 27,	36.70	Oct. 19	36.30	July 11	37.30
July 15	37.80	Mar. 28	36.40	Dec. 16	36.25	Aug. 4	37.20
Aug. 10	36.80	Apr. 20	36.40	Jan. 15, 1973	36.20	Sept. 25	36.50

431536120563901--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 15, 1973	36.50	Jan. 16, 1974	36.40	Apr. 28, 1974	36.35	Oct. 27, 1974	36.20
Nov. 25	36.70	Feb. 18	36.35	June 14	37.30	Nov. 10	36.00
Dec. 15	36.45	Mar. 28	36.30	Aug. 7	37.15	Dec. 13	35.70

b Well pumped recently.

431547120380201. Local number 27S/18E-6ccb. Rose T. Morici. Drilled unused water-table well in sand, diam 8 in (20 cm), depth 83 ft (25 m), cased with steel to 10 ft (3 m). Lsd about 4,317 ft (1,316 m) above msl. MP top of 8-in (20-cm) casing, 0.50 ft (0.15 m) above lsd. Highest water level 15.94 ft (4.86 m) below lsd, Oct. 8, 1974; lowest 25.19 ft (7.68 m) below lsd, Apr. 1, 1953. Records available: 1940-71, 1973-74. No measurement made in 1972. Jan. 21, 1971, 18.00; Oct. 18, 17.94; Apr. 26, 1973, 17.60; July 10, 17.65; Oct. 2, 17.88; July 3, 1974, 17.16; Oct. 8, 15.94.

431320120350001. Local number 27S/18E-21aaa. Chewaucan Land & Cattle Co. Drilled abandoned oil-test water-table(?) well in basalt(?), diam 6 in (17 cm), depth 635 ft (194 m), cased with steel. Lsd 4,330 ft (1,320 m) above msl. MP top of casing, at lsd. Highest water level 26.41 ft (8.05 m) below lsd, Apr. 5, 1967; lowest 28.53 ft (8.70 m) below lsd, Nov. 6, 1955. Records available: 1955-71, 1973-74. No measurement made in 1972. Jan. 21, 1971, 27.03; July 10, 1973, 27.45; Oct. 2, 27.36; July 2, 1974, 27.68; Oct. 8, 28.01.

430508119582001. Local number 29S/23E-3dac. U.S. Soil Conservation Service. Drilled unused artesian well in basalt(?), diam 8 in (20 cm), depth 177 ft (54 m), cased with steel. Lsd about 4,225 ft (1,288 m) above msl. MP top of collar on casing, at lsd. Highest water level 14.42 ft (4.40 m) below lsd, July 27, 1965; lowest 19.62 ft (5.98 m) below lsd, Apr. 23, 1974. Records available: 1945, 1947-74.

Feb. 9, 1971	17.65	Apr. 11, 1972	17.57	May 8, 1973	18.02	Apr. 23, 1974	19.62
Apr. 27	17.88	July 18	17.88	July 17	17.66	July 22	17.78
July 26	17.66	Nov. 7	17.70	Oct. 23	17.89	Oct. 22	17.80
Oct. 19	17.70	Feb. 6, 1973	17.28				

423250119531501. Local number 35S/24E-9dad. U.S. Bureau of Land Management. Drilled unused artesian well in basalt, diam 8 in (20 cm), depth 376 ft (115 m), cased with steel to 22 ft (7 m). Lsd about 4,525 ft (1,379 m) above msl. MP top of casing collar, 0.50 ft (0.15 m) above lsd. Highest water level 5.76 ft (1.76 m) below lsd, May 8, 1973; lowest 9.03 ft (2.75 m) below lsd, Oct. 23, 1973. Records available: 1949-74.

Feb. 9, 1971	8.18	Nov. 7, 1972	7.58	July 17, 1973	8.52	July 23, 1974	7.99
Oct. 19	7.50	Feb. 6, 1973	(a)	Oct. 23	9.03	Oct. 22	8.29
July 18, 1972	8.34	May 8	5.76	Apr. 23, 1974	7.47		

a Well being pumped.

422900120165201. Local number 36S/21E-6aba. S. V. Carroll. Dug unused water-table well in sand, size 8 x 8 ft (2 x 2 m), depth 21 ft (6 m), uncased. Lsd 4,321.6 ft (1,317.2 m) above msl. MP top of 1-in (2.5-cm) pipe, 4.50 ft (1.37 m) above lsd. Highest water level 7.27 ft (2.22 m) below lsd, Apr. 11, 1972; lowest 17.21 ft (5.25 m) below lsd, Aug. 27, 1938. Records available: 1938-74.

Feb. 8, 1971	8.64	Apr. 11, 1972	7.27	May 7, 1973	9.87	Apr. 22, 1974	9.47
Apr. 26	7.77	July 17	9.29	July 16	10.23	July 22	9.51
July 26	7.63	Nov. 6	9.71	Oct. 22	11.36	Oct. 21	10.27
Oct. 19	8.33	Feb. 5, 1973	10.13				

422450119541101. Local number 36S/24E-28bbb. Lloyd Grisel. Drilled domestic water-table well in gravel, diam 6 in (15 cm), depth 40 ft (12 m), cased with steel. Lsd about 4,512 ft (1,375 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 17.17 ft (5.23 m) below lsd, Apr. 12, 1959; lowest 27.56 ft (8.40 m) below lsd, Jan. 11, 1962. Records available: 1948-74.

Feb. 9, 1971	21.49	July 18, 1972	19.49	May 8, 1973	19.34	Apr. 23, 1974	21.16
Apr. 27	19.07	Nov. 7	22.81	July 17	20.46	July 23	20.02
July 26	18.35	Feb. 6, 1973	24.50	Oct. 23	24.95	Oct. 22	25.10
Oct. 19	23.12						

421445119523001. Local number 38S/24E-27ccb. Charles Crump. Drilled unused artesian well in gravel, diam 6 in (15 cm), depth 81 ft (25 m), cased with steel to 60 ft (18 m). Lsd about 4,495 ft (1,370 m) above msl. MP top of 6-in (15-cm) casing, at lsd. Highest water level (revised), flowing, 1952-54, 1963, 1970, 1971, 1973, 1974; lowest 2.19 ft (0.67 m) below lsd, Jan. 15, 1960. Records available: 1948-74.

Feb. 9, 1971	(J)	July 18, 1972	0.00	May 8, 1973	(J)	Apr. 23, 1974	(J)
Apr. 27	0.00	Nov. 7	.10	July 17	0.04	July 23	(J)
July 26	0.00	Feb. 6, 1973	(J)	Oct. 23	.09	Oct. 22	0.00
Oct. 19	.03						

j Flowing.

420842120271301. Local number 39S/19E-34add. William Hoffman. Drilled domestic and stock artesian well in unknown aquifer, diam 6 in (15 cm), depth 110 ft (34 m), cased to 110 ft (34 m). Lsd 4,792 ft (1,461 m) above msl. MP top of 4-in (1.3-cm) vent pipe, 2.00 ft (0.61 m) above lsd. Highest water level 23.78 ft (7.25 m) below lsd, Oct. 13, 1960; lowest 32.67 ft (9.96 m) below lsd, Feb. 5, 1973. Records available: 1960-70.

420842120271301--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 9, 1971	28.03	July 17, 1972	(a)	May 7, 1973	(a)	Apr. 23, 1974	26.20
Apr. 27	27.60	Nov. 7	(a)	July 17	29.15	July 23	(a)
Oct. 20	30.63	Feb. 5, 1973	32.67	Oct. 22	(a)	Oct. 22	31.13
Apr. 12, 1972	(a)						

a Well being pumped.

421032119535802. Local number 39S/24E-21bddd. J. G. Dyke. Drilled domestic water-table well in gravel, diam 6 in (15 cm), depth 165 ft (50 m), cased with steel. Lsd about 4,542 ft (1,384 m) above msl. MP top east side of casing, 0.50 ft (0.15 m) above lsd. Highest water level 9.00 ft (2.74 m) below lsd, July 23, 1974; lowest 19.34 ft (5.89 m) below lsd, Jan. 15, 1960. Records available: 1948-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 9, 1971	17.09	Nov. 7, 1972	18.29	July 17, 1973	15.59	July 23, 1974	9.00
Apr. 27	17.06	Feb. 6, 1973	16.80	Oct. 23	17.51	Oct. 22	15.64
July 26	11.82	May 8	18.43	Apr. 23, 1974	17.91		

Lane County

440803123042601. Local number 16S/3W-32acd. Leo Sidwell. Dug and drilled irrigation water-table well in sand and gravel, diam 8 in (20 cm), depth 40 ft (12 m), cased. Lsd 388.98 ft (118.56 m) above msl. MP top of casing, 8.00 ft (2.44 m) below lsd. Highest water level 6.53 ft (1.99 m) below lsd, Jan. 16, 1936; lowest 21.12 ft (6.44 m) below lsd, July 12, 1971. Records available: 1928-30, 1935-36, 1938-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 11, 1971	12.90	Oct. 12, 1971	17.78	Sept. 13, 1972	18.20	July 27, 1973	20.55
Feb. 16	11.67	Jan. 14, 1972	12.68	Jan. 9, 1973	13.45	Oct. 16	20.12
Apr. 8	12.33	Apr. 18	11.66	May 1	15.70	Oct. 4, 1974	18.02
July 12	21.12						

440000124054001. Local number 18S/12W-14cdd. U.S. Geol. Survey. Drilled observation water-table well in dune sand, diam 6 in (15 cm), depth 59 ft (18 m), cased with steel to 44 ft (13 m), screened interval 44 to 59 ft (13 to 18 m). Lsd 70 ft (21 m) above msl. MP top of casing, at lsd. Highest water level 3.44 ft (1.05 m) below lsd, Jan. 31, 1967; lowest 10.00 ft (3.05 m) below lsd, Oct. 25, 1972. Records available: 1961-74.

Dec. 6, 1961	7.60	Feb. 26, 1965	5.42	Mar. 30, 1968	5.87	May 21, 1971	7.30
Jan. 2, 1962	7.07	Mar. 25	6.29	Apr. 30	6.44	June 21	7.40
Feb. 14	6.67	April 19	6.44	June 30	7.54	July 25	8.65
Mar. 6	5.77	May 20	6.00	July 31	8.10	Aug. 22	8.80
Apr. 4	6.54	June 21	8.07	Sept. 1	8.03	Sept. 21	9.25
May 4	7.00	July 9	8.43	30	7.42	Oct. 21	9.15
June 12	8.14	Aug. 23	9.22	Nov. 1	8.02	Dec. 8	5.80
July 7	8.77	Sept. 10	9.45	30	5.48	31	5.80
Aug. 8	9.38	Oct. 1	9.96	Jan. 19, 1969	5.47	Feb. 21, 1972	5.80
Sept. 6	9.90	Nov. 1	9.77	31	5.19	Mar. 21	5.50
Nov. 6	9.47	Dec. 1	7.28	Feb. 24	5.92	Apr. 25	6.59
Dec. 7	6.14	Jan. 6, 1966	4.48	Mar. 20	6.22	May 25	7.21
Jan. 8, 1963	6.65	Feb. 1	5.32	Apr. 20	7.00	June 21	7.74
Feb. 13	6.25	Mar. 2	5.93	May 21	7.58	July 22	8.75
Mar. 5	6.07	April 1	5.16	June 21	8.22	Aug. 25	9.05
Apr. 9	5.17	May 1	7.49	July 21	8.68	Sept. 25	9.62
May 10	5.05	July 3	7.16	Aug. 20	9.38	Oct. 25	10.00
June 18	6.86	Aug. 1	8.82	Sept. 23	9.29	Nov. 21	9.25
July 10	7.30	29	9.47	Oct. 20	8.89	Dec. 21	7.47
Aug. 8	8.03	Sept. 29	9.58	Nov. 27	8.50	Jan. 25, 1973	6.85
Sept. 11	8.79	Oct. 31	9.28	Dec. 21	6.94	Feb. 25	7.30
Oct. 4	8.46	Nov. 29	7.19	Jan. 20, 1970	5.60	Mar. 23	7.08
Nov. 15	6.77	Dec. 30	5.25	Feb. 27	5.65	Apr. 23	7.76
Dec. 10	6.37	Jan. 31, 1967	3.44	Mar. 24	6.52	May 23	8.20
Jan. 3, 1964	5.95	Feb. 28	5.40	Apr. 22	7.05	June 4	7.60
Feb. 7	5.09	Mar. 1	5.51	May 23	7.49	July 22	8.96
Mar. 11	5.15	May 2	6.71	June 21	8.14	Oct. 25	7.16
Apr. 10	6.12	June 1	6.28	July 20	8.70	Dec. 23	4.95
May 6	6.82	29	8.75	Aug. 23	9.38	Mar. 28, 1974	5.43
June 12	7.60	Aug. 1	8.45	Sept. 19	9.60	Apr. 23	6.40
July 10	8.19	Sept. 1	9.89	Oct. 23	9.34	May 22	7.15
Aug. 26	8.88	Oct. 1	9.00	Nov. 21	9.24	June 27	7.95
Sept. 27	9.33	Nov. 1	8.45	Dec. 20	7.05	July 23	8.19
Oct. 23	9.55	Dec. 2	7.51	Jan. 21, 1971	5.28	Aug. 23	8.90
Nov. 26	8.18	Jan. 2, 1968	6.09	Feb. 21	6.24	Sept. 23	9.93
Dec. 15	7.94	Feb. 1	6.09	Mar. 25	6.09	Oct. 23	9.33
Jan. 24, 1965	4.71	28	5.22	Apr. 26	6.03	Nov. 24	8.11

Linn County

444300123072501. Local number 10S/4W-12bdd. Henry Hoefer. Drilled domestic water-table well in gravel, diam 8 in (20 cm), depth 32 ft (10 m), cased with steel. Lsd 185.74 ft (56.61 m) above msl. MP top of casing, 3.20 ft (0.96 m) above lsd. Highest water level 7.62 ft (2.32 m) below lsd, Jan. 14, 1936; lowest dry, Aug. 2, Sept. 29, 1972, Oct. 15, 1973. Records available: 1928-30, 1935-36, 1938-74.

444300123072501--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1971	16.83	Feb. 23, 1972	17.43	Jan. 4, 1973	19.37	Oct. 15, 1973	(f)
Apr. 6	18.29	Aug. 2 (f)		Apr. 23	16.12	July 9, 1974	22.00
Aug. 18	23.80	Sept. 29 (f)		July 25	25.98	Oct. 3	25.90
Oct. 6	23.16						

f Dry.

Malheur County

441710117472301. Local number 15S/40E-2ccb. Rankin Crow. Drilled irrigation water-table(?) well in gravel, diam 10 in (25 cm), depth 310 ft (94 m), cased with steel to 170 ft (52 m). Lsd about 3,915 ft (1,193 m) above ms1. MP top of 1½-in (3.8-cm) pipe in concrete well cover, east side, 1.00 ft (0.30 m) above lsd. Highest water level 31.06 ft (9.47 m) below lsd, Mar. 18, 1951; lowest 55.33 ft (16.86 m) below lsd, Aug. 11, 1966. Records available: 1950-74.

Mar. 23, 1971	49.60	Oct. 4, 1971	52.10	Nov. 16, 1972	52.07	Aug. 30, 1973	(a)
May 13	49.21	Apr. 27, 1972	50.51	May 23, 1973	(a)	Aug. 8, 1974	(a)

a Well being pumped.

441730117461501. Local number 15S/40E-2daa. Max Holloway. Drilled irrigation water-table well in gravel, diam 12 in (30 cm), depth 421 ft (128 m), cased with steel to 55 ft (17 m). Lsd 3,898.3 ft (1,188.2 m) above ms1. MP top of casing collar, 0.60 ft (0.18 m) above lsd. Highest water level 18.28 ft (5.57 m) below lsd, May 18, 1951; lowest 41.29 ft (12.59 m) below lsd, Nov. 14, 1974. Records available: 1950-72, 1974. No measurement made in 1973. Mar. 23, 1971, 33.99; Oct. 4, 35.75; Apr. 27, 1972, 34.77; May 9, 1974, 39.08; Aug. 8 (well being pumped); Nov. 14, 41.29.

440007117000401. Local number 18S/47E-17bbb. Earl Weaver. Drilled domestic water-table well in unknown aquifer, diam 3 in (7.6 cm), depth 135 ft (41 m), cased with steel to 135 ft (41 m). Lsd about 2,160 ft (658 m) above ms1. MP top of casing, 0.95 ft (0.29 m) above lsd. Highest water level 6.91 ft (2.11 m) below lsd, Sept. 9, 1952; lowest 14.92 ft (4.55 m) below lsd, May 17, 1966. Records available: 1950-74.

Mar. 23, 1971	10.68	Nov. 16, 1971	11.12	June 19, 1973	12.94	Aug. 27, 1974	10.83
May 25	12.58	May 9, 1972	10.51	Sept. 17	10.08	Nov. 19	10.68
Aug. 23	10.32	Sept. 19	10.86	June 4, 1974	12.84		

434450118044001. Local number 21S/38E-17dca. Walter Bodkin. Dug irrigation water-table well in gravel, diam 12 in (30 cm), depth 14 ft (4 m), cribbed with concrete tile to bottom. Lsd about 2,960 ft (902 m) above ms1. MP top of concrete well casing, at lsd. Highest water level 3.07 ft (0.94 m) below lsd, June 23, 1952; lowest 11.37 ft (3.47 m) below lsd, May 8, 1972. Records available: 1945-56, 1958-74.

May 24, 1971	5.87	May 8, 1972	11.37	Sept. 17, 1973	5.81	Aug. 26, 1974	4.16
Aug. 23	4.00	Sept. 18	8.46	June 3, 1974	4.39	Nov. 18	5.91
Nov. 15	6.82	June 18, 1973	3.98				

434445118044801. Local number 21S/38E-17dd. Idaho Power & Light Co. Driven observation water-table well in alluvium, diam 1¾ in (3.2 cm), depth about 10 ft (3 m), cased with iron to 10+ ft (3+ m). Lsd 2,950 ft (899 m) above ms1. MP top of casing, 1.10 ft (0.34 m) above lsd. Highest water level 0.65 ft (0.20 m) below lsd, Sept. 18, 1972; lowest 6.55 ft (2.00 m) below lsd, Apr. 10, 1959. Records available: 1958-74.

May 24, 1971	1.19	Sept. 18, 1972	0.65	Sept. 17, 1973	0.89	Aug. 26, 1974	1.12
Aug. 23	.86	June 18, 1973	.93	June 3, 1974	1.58	Nov. 18	2.58
May 8, 1972	3.07						

430730118073001. Local number 28S/37E-23ddd. Earl Obenchain. Dug domestic water-table well in gravel, diam 4 ft (1 m), depth 30 ft (9 m), cribbed with rock to bottom. Lsd about 4,060 ft (1,237 m) above ms1. MP top of concrete casing, south side, 1.85 ft (0.56 m) above lsd. Highest water level 1.95 ft (0.59 m) below lsd, Mar. 8, 1967; lowest 18.40 ft (5.61 m) below lsd, Jan. 22, 1955. Records available: 1950-74.

June 14, 1971	4.86	Feb. 20, 1973	5.91	Nov. 20, 1973	14.57	Aug. 22, 1974	9.40
Dec. 1	8.94	May 15	6.13	Feb. 20, 1974	6.66	Nov. 19	13.15
Nov. 20, 1972	9.44	Aug. 27	11.52	May 23	4.19		

424639117510501. Local number 32S/40E-18dbc. Clarence J. Eckstein. Drilled domestic and public-supply artesian well in volcanic rock, diam 6 in (15 cm), depth 358 ft (109 m), cased to 160 ft (49 m). Lsd about 4,000 ft (1,219 m) above ms1. MP 4½-in (11.3-cm) hole in top of casing, 0.70 ft (0.21 m) above lsd. Highest water level 234.68 ft (71.53 m) below lsd, Feb. 28, 1967; lowest 275± ft (84± m) below lsd, Aug. 27, 1974. Records available: 1950-74.

Mar. 24, 1971	235.58	May 9, 1972	237.56	Sept. 18, 1973	(a)	Aug. 27, 1974	275+
May 25	241.18	Sept. 19	(a)	June 4, 1974	243.89	Nov. 19	234.88
Nov. 16	238.12	June 19, 1973	a293				

a Well being pumped.

423527117522501. Local number 34S/39E-13cbc. Civil Aeronautics Administration. Drilled observation water-table well in basalt(?), diam 10 in (25 cm), depth 246 ft (75 m), cased with steel to unknown depth. Lsd 4,050 ft (1,234 m) above msl. MP top of casing, at lsd. Highest water level 193.63 ft (59.02 m) below lsd, Nov. 19, 1974; lowest 207.20 ft (63.15 m) below lsd, Sept. 13, 1961. Records available: 1954-56, 1958-70, 1972-74. No measurement made in 1971. Sept. 19, 1972, 202.33; June 19, 1973, 203.09; Sept. 18, 204.11; June 4, 1974, 193.70; Aug. 27, 196.88; Nov. 19, 193.63.

422504117515501. Local number 36S/41E-26dad. U.S. Bureau of Land Management. Drilled unused water-table well in basalt(?), diam 8 in (20 cm), depth 222 ft (68 m), cased with steel to unknown depth. Lsd 4,200 ft (1,280 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 194.07 ft (59.15 m) below lsd, May 2, 1962; lowest 219.12 ft (66.79 m) below lsd, Nov. 16, 1971. Records available: 1961-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 25, 1971	208.44	Nov. 16, 1971	219.12	Sept. 19, 1972	208.82	Aug. 27, 1974	209.07
Aug. 23	210.48	May 9, 1972	207.73	June 19, 1973	206.22	Nov. 19	206.86

420010117431001. Local number 41S/43E-19aa. Victor Albisu. Drilled domestic water-table well in alluvium, diam 6 in (15 cm), depth 98 ft (30 m), cased with steel to unknown depth. Lsd 4,420 ft (1,347 m) above msl. MP top of casing, 5.35 ft (1.63 m) below lsd. Highest water level 12.23 ft (3.73 m) below lsd, Sept. 19, 1972; lowest 32.11 ft (9.79 m) below lsd, Aug. 23, 1966. Records available: 1955-74.

May 25, 1971	14.49	May 9, 1972	13.45	Sept. 18, 1973	16.29	Aug. 27, 1974	16.97
Aug. 23	17.48	Sept. 19	12.23	June 4, 1974	17.60	Nov. 19	14.58
Nov. 16	14.03	June 19, 1973	(a)				

a Well being pumped.

Marion County

451232122462301. Local number 4S/1W-23acc. Donald Olmstead. Dug unused water-table well in alluvium, diam 4 ft (1 m), depth 60 ft (18 m), cribbed with brick to bottom. Lsd about 175 ft (53 m) above msl. MP top of concrete well cover, 0.50 ft (0.15 m) above lsd. Highest water level 44.78 ft (13.65 m) below lsd, June 7, 1951; lowest dry, Oct. 18, 1967, Apr. 16, July 17, Oct. 15, 1968. Records available: 1945-73. No measurement made in 1974.

Jan. 19, 1971	51.94	Oct. 14, 1971	51.95	Sept. 8, 1972	50.14	May 30, 1973	52.44
Apr. 16	51.68	Jan. 18, 1972	50.60	Jan. 19, 1973	50.79	Nov. 27	54.53
July 21	51.64	Apr. 21	50.82				

451530122563101. Local number 4S/2W-4bab. Dr. C. A. Bump. Dug domestic water-table well in alluvium, diam 36 in (91 cm), depth 23 ft (7 m), cribbed with concrete tile to bottom. Lsd 123.57 ft (37.66 m) above msl. MP edge of concrete curb, 1.80 ft (0.55 m) above lsd. Highest water level 1.60 ft (0.49 m) below lsd, Dec. 21, 1955; lowest 19.90 ft (6.07 m) below lsd, Dec. 5, 1939. Records available: 1928-30, 1935-36, 1938-74.

Jan. 29, 1971	6.87	June 22, 1972	12.45	June 12, 1973	13.01	May 1, 1974	9.08
May 5	9.59	Oct. 17	14.92	July 31	19.33	July 31	12.53
Aug. 3	13.53	Jan. 30, 1973	9.40	Nov. 28	11.10	Oct. 30	14.82
Feb. 29, 1972	5.41						

451028122544601. Local number 4S/2W-34ddc. Charles Johnson. Dug unused water-table well in alluvium, diam 18 in (46 cm), depth 20 ft (6 m), cribbed with concrete tile to bottom. Lsd 172.86 ft (52.69 m) above msl. MP top of concrete casing, 1.50 ft (0.46 m) above lsd. Highest water level 0.47 ft (0.14 m) above lsd, Dec. 21, 1955; lowest dry, July 29, 1970, Aug. 3, 1971, Oct. 17, 1972, July 31, 1973, July 31, 1974. Records available: 1928-30, 1935-36, 1938-74. Measurement discontinued.

Jan. 29, 1971	1.42	Feb. 29, 1972	0.92	Jan. 30, 1973	1.75	Nov. 28, 1973	0.88
May 5	4.82	June 22	11.81	June 12	10.58	May 1, 1974	.33
Aug. 3	(f)	Oct. 17	(f)	July 31	(f)	July 31	(f)

f Dry.

450620122530501. Local number 5S/2W-25cbd. Agricultural Research Corp. (Sam H. Brown). Drilled irrigation water-table well in sand and gravel, diam 18 to 6 in (46 to 15 cm), depth 252 ft (77 m), casing perforated 117-117 ft (36-45 m), 215-245 ft (66-75 m). Lsd 180, 31 ft (54.96 m) above msl. MP top edge of 1-in (2.5-cm) plank seal around pump column, 0.65 ft (0.20 m) below lsd. Highest water level 13.74 ft (4.19 m) below lsd, Mar. 11, 1948; lowest 61.03 ft (18.60 m) below lsd, Aug. 3, 1971. Records available: 1929-30, 1935-36, 1938-74.

Jan. 29, 1971	16.92	Feb. 28, 1972	16.17	June 12, 1973	24.41	Apr. 30, 1974	17.33
May 4	15.73	Oct. 17	29.98	July 31	46.14	July 31	(a)
Aug. 3	61.03	Jan. 30, 1973	17.35	Nov. 28	24.00	Oct. 30	30.37

a Well being pumped.

45035012243001. Local number 6S/1E-7cbb. Sheldon Johnson. Dug unused water-table well in gravel, diam 36 in (91 cm), depth 21 ft (6 m), cribbed with brick. Lsd 260, 38 ft (79.36 m) above msl. MP top of plank cover, 1.00 ft (0.30 m) above lsd. Highest water level 0.00 Jan. 6, 1961; lowest 17.50 ft (5.33 m) below lsd, Dec. 5, 1939. Records available: 1928-30, 1935-36, 1938-72. Measurement discontinued. Jan. 28, 1971, 0.75; May 4, 2.62; Feb. 28, 1972, 0.42; June 20, 5.12.

Morrow County

454812119305801. Local number 4N/26E-25bcb. Fred Andrews. Drilled stock water-table well in glaciofluviate deposits, diam 6 in (15 cm), depth 170 ft (52 m), cased with steel to unknown depth. Lsd 580 ft (177 m) above msl. MP top of casing, 1,00 ft (0.30 m) above lsd. Highest water level 45.83 ft (13.97 m) below lsd, Jan. 3, 1962; lowest 62.70 ft (19.11 m) below lsd, Nov. 4, 1974. Records available: 1953-54, 1959-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 10, 1971	55.49	Apr. 24, 1972	57.34	Aug. 27, 1973	60.23	Aug. 6, 1974	62.06
Aug. 9	56.34	Feb. 19, 1973	59.95	Dec. 3	61.12	Nov. 4	62.70
Oct. 1	57.09	May 21	59.82				

Multnomah County

453112122403201. Local number 1N/1E-34ccd. Weisfield & Goldberg. Southwest Sixth Ave. and Washington St., Portland. Drilled industrial water-table well in alluvium, diam 8 in (20 cm), depth 155 ft (47 m), cased with steel to 142 ft (43 m). Lsd 37.20 ft (11.34 m) above msl. MP top of pumpbase at 1-in (2.5-cm) airline hole in base, 10.43 ft (3.18 m) below lsd. Highest water level 24.24 ft (7.39 m) below lsd, June 30, 1943; lowest 50.93 ft (15.52 m) below lsd, Dec. 23, 1965. Records available: 1940-72. Measurement discontinued. Mar. 3, 1971, 35.36; June 3, 32.08; Mar. 3, 1972, 32.63; July 7 (well being pumped).

Umatilla County

452015119003201. Local number 3S/30E-1eac. Formerly 3S/30E-1ab. Joe Pedro. Drilled unused artesian well tapping confined water in Columbia River Basalt Group, diam 6 in (15 cm), reported depth 99 ft (30 m), cased with steel. Lsd 3,100 ft (945 m) above msl. MP top of steel blocks beneath jet connector, 1.00 ft (0.30 m) below lsd. Highest water level 22.01 ft (6.71 m) below lsd, Apr. 16, 1958; lowest 39.81 ft (12.13 m) below lsd, May 7, 1968. Records available: 1958-70, 1974. No measurement made in 1971-73. May 9, 1974, 24.58.

453730119042501. Local number 2N/30E-28bd. Cunningham Sheep Co. Drilled unused artesian well tapping confined water in Columbia River Basalt Group, diam 6 in (15 cm), depth 81 ft (25 m), cased with steel. Lsd 1,440 ft (439 m) above msl. MP top of 6-in (15-cm) casing, 0.40 ft (0.12 m) above lsd. Highest water level 60.58 ft (18.46 m) below lsd, Apr. 25, 1972, Aug. 6, 1974; lowest 68.28 ft (20.81 m) below lsd, Sept. 19, 1958. Records available: 1953-72, 1974. No measurement made in 1973. Feb. 22, 1971, 61.26; Aug. 10, 60.62; Oct. 2, 60.94; Apr. 25, 1972, 60.58; Aug. 6, 1974, 60.58; Nov. 5, 61.29.

454639118330901. Local number 3N/34E-3bac. Berkley Davis. Drilled irrigation artesian well tapping confined water in Columbia River Basalt Group, diam 12 in (30 cm), reported depth 298 ft (91 m), cased with steel to 60 ft (18 m). Well deepened in March 1972; new depth 1,263 ft (385 m). Lsd 1,545 ft (471 m), previously reported 1,560 ft (475 m), above msl. MP center of air gage, 1.90 ft (0.58 m) above lsd. Highest water level 4 ft (1 m) below lsd, May 2, 1954; lowest (revised) 13.26 ft (36.35 m) below lsd, May 8, 1968. Records available: 1953-74. The measurement of 130.50 ft for Oct. 27, 1970, published in WSP 1980, should have been footnoted (a), "well being pumped".

Feb. 22, 1971	78	Feb. 21, 1973	85.60	Aug. 28, 1973	(a)	Aug. 6, 1974	(a)
Nov. 15, 1972	85.95	May 22	(a)	May 8, 1974	59.53	Nov. 5	b100

a Well being pumped.

b Well pumped recently.

455120118470501. Local number 4N/32E-2cb. L. F. King. Drilled irrigation artesian well tapping confined water in Columbia River Basalt Group, diam 10 in (25 cm), reported depth 527 ft (161 m), cased with steel. Lsd 1,660 ft (506 m) above msl. MP center of air gage at center of airline hole, at lsd. Highest water level 11 ft (3 m) below lsd, Aug. 26, 1953; lowest 60.85 ft (18.55 m) below lsd, Aug. 25, 1959. Records available: 1953-71, 1973-74. No measurement made in 1972.

Feb. 22, 1971	16.33	Feb. 19, 1973	15.79	Aug. 27, 1973	18.39	Aug. 5, 1974	35.95
May 10	(a)	May 21	30.59	Dec. 12	15.11	Nov. 4	16.08

a Well being pumped.

455425119182001. Local number 5N/28E-22bb. L. J. Martin (previously reported L. T. Martin). Drilled domestic artesian well tapping confined water in Yakima Basalt of Columbia River Basalt Group, diam 6 in (15 cm), depth 189 ft (58 m), cased with steel to 8 ft (2 m). Lsd 450 ft (137 m) above msl. MP top of casing, at lsd. Highest water level 4.39 ft (1.34 m) below lsd, Feb. 15, 1965; lowest 59.94 ft (18.27 m) below lsd, Aug. 10, 1971. Records available: 1953-71, 1973-74. No measurement made in 1972.

Feb. 22, 1971	8.91	Aug. 10, 1971	59.94	May 21, 1973	(a)	Dec. 12, 1973	14.76
May 10	28.67	Feb. 19, 1973	13.27	Aug. 27	12.80	Nov. 4, 1974	6.07

a Well being pumped.

455420118334001. Local number 5N/34E-16ddd. R. M. Thompson. Drilled domestic and stock artesian well in basalt, diam 6 in (15 cm), depth 228 ft (69 m), cased with steel to unknown depth. Lsd 1,960 ft (597 m) above msl. MP top of hole in sanitary seal, 0.50 ft (0.15 m) above lsd. Highest water level 143.95 ft (43.88 m) below lsd, Oct. 3, 1971; lowest 162.50 ft (49.53 m) below lsd, Nov. 30, 1956. Records available: 1953-74.

455420118334001--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 22, 1971	145.34	Apr. 26, 1972	145.06	May 22, 1973	146.39	Aug. 6, 1974	161.25
May 12	146.12	Nov. 15	145.91	Aug. 28	144.52	Nov. 5	144.12
Oct. 3	143.95	Feb. 21, 1973	144.73	May 8, 1974	(a)		

a Well being pumped.

455652118230001. Local number 5N/35E-1bad. Cecil Brodie. Dug irrigation water-table well in gravel, size 6 x 8 ft (2 x 2 m), depth 37 ft (11 m), curbed with wood. Lsd 995.60 ft (303.46 m) above msl. MP copper nail and washer in 2- x 6-in (5.1- x 15-cm) plank, west side, at lsd. Highest water level 13.22 ft (4.03 m) below lsd, Dec. 19, 1946; lowest 35.43 ft (10.80 m) below lsd, Feb. 16, 1937. Records available: 1933-74.

Jan. 25, 1971	22.03	Jan. 27, 1972	22.78	Jan. 26, 1973	23.13	Jan. 28, 1974	22.63
Feb. 25	22.38	Feb. 25	20.73	Feb. 23	23.05	Feb. 27	22.59
Mar. 25	22.40	Mar. 24	22.50	Mar. 26	23.51	Mar. 25	23.20
Apr. 26	22.53	Apr. 25	23.07	Apr. 27	21.98	Apr. 29	22.50
May 26	22.01	May 25	23.50	May 25	22.75	May 28	23.37
June 25	23.68	June 27	22.77	June 26	24.49	June 25	21.28
July 27	26.02	July 27	24.93	Aug. 10	24.88	July 26	23.79
Aug. 25	26.28	Aug. 24	26.03	27	25.73	Aug. 26	22.38
Sept. 24	24.98	Sept. 25	23.27	Oct. 3	23.36	Sept. 25	25.07
Oct. 26	26.79	Oct. 25	24.24	25	23.95	Oct. 29	23.84
Dec. 3	22.98	Nov. 27	23.19	Nov. 26	23.14	Nov. 25	23.57
27	22.94	Dec. 27	23.14	Dec. 24	23.60	Dec. 31	24.75

455650118241501. Local number 5N/35E-2bad. K. A. Townsend. Dug irrigation water-table well in alluvium, size 5 x 5 ft (2 x 2 m), depth 23 ft (7 m), curbed with concrete. Lsd 975.82 ft (297.43 m) above msl. MP top of plank pump support, at lsd. Highest water level 9.91 ft (3.02 m) below lsd, Nov. 28, 1949; lowest dry, many times, 1957-74. Records available: 1933-74.

Jan. 25, 1971	(f)	Feb. 25, 1972	(f)	Mar. 26, 1973	(f)	Feb. 27, 1974	(f)
Feb. 25	(f)	Mar. 24	(f)	Apr. 27	(f)	Mar. 25	(f)
Mar. 25	(f)	May 25	18.60	May 25	(f)	Apr. 29	(f)
Apr. 26	(f)	June 27	18.45	June 26	18.66	May 28	19.98
May 26	20.49	July 25	17.75	Aug. 10	17.32	June 25	17.48
June 25	19.53	Aug. 24	17.99	27	17.99	July 26	18.00
July 27	17.21	Sept. 25	17.60	Oct. 3	21.55	Aug. 26	18.47
Aug. 25	17.97	Oct. 25	(f)	25	21.38	Sept. 25	18.93
Sept. 24	21.05	Nov. 27	(f)	Nov. 26	20.52	Oct. 29	21.20
Oct. 26	(f)	Dec. 27	(f)	Dec. 24	21.85	Nov. 25	(f)
Dec. 3	(f)	Jan. 26, 1973	(f)	Jan. 28, 1974	21.99	Dec. 31	(f)
27	(f)	Feb. 23	(f)				

f Dry.

455635118244501. Local number 5N/35E-3add. Van Houten. Formerly Walter Miller. Dug and drilled domestic water-table well in alluvium; dug size 42 x 42 in (107 x 107 cm); drilled diam unknown; depth 124 ft (38 m), previously reported 37 ft (11 m); cribbed with concrete to 37 ft (11 m); steel casing to 124 ft (38 m). Lsd 958.20 ft (292.06 m) above msl. MP top of well curb, east side, 0.85 ft (0.26 m) above lsd. Highest water level 13.53 ft (4.12 m) below lsd, Sept. 20, 1961; lowest dry, many times, 1952-74. Records available: 1933-74.

Jan. 25, 1971	(f)	Feb. 25, 1972	(f)	Feb. 23, 1973	(f)	Feb. 27, 1974	(f)
Feb. 25	(f)	Mar. 24	(f)	Mar. 26	(f)	Mar. 25	(f)
Mar. 25	(f)	Apr. 25	(f)	Apr. 27	(f)	Apr. 29	(f)
Apr. 26	34.81	May 25	33.05	May 25	29.85	May 28	32.65
May 26	28.78	June 27	26.75	June 26	31.86	June 25	27.95
June 25	33.86	July 25	24.84	Aug. 10	22.23	July 26	28.33
July 27	24.03	Aug. 24	24.04	27	24.57	Aug. 26	29.59
Aug. 25	21.48	Sept. 25	29.95	Oct. 3	41.93	Sept. 25	34.35
Sept. 24	34.50	Oct. 25	(f)	25	41.23	Oct. 29	(f)
Oct. 26	(f)	Nov. 27	(f)	Nov. 26	36.77	Nov. 25	(f)
Dec. 3	(f)	Dec. 27	(f)	Dec. 24	41.71	Dec. 31	40.03
27	(f)	Jan. 26, 1973	(f)				

f Dry.

455956118244501. Local number 6N/35E-1cad. H. Miller. Dug unused water-table well in alluvium, diam 7 ft (2 m), depth 15 ft (5 m), cribbed with concrete to 8 ft (2 m). Lsd 789.76 ft (240.72 m) above msl. MP top of concrete curb, east side, at lsd. Highest water level 3.47 ft (1.06 m) below lsd, Aug. 8, 1933; lowest dry, April 22, 1966. Records available: 1933-74.

Jan. 25, 1971	9.98	Jan. 27, 1972	10.71	Jan. 26, 1973	10.16	Jan. 28, 1974	8.26
Feb. 25	10.94	Feb. 25	9.90	Feb. 23	10.77	Feb. 27	8.08
Mar. 25	10.92	Mar. 24	9.75	Mar. 26	10.95	Mar. 25	10.85
Apr. 26	11.49	Apr. 25	10.98	Apr. 27	10.98	Apr. 29	10.78
May 26	12.70	May 25	9.78	May 25	10.75	May 28	12.70
June 25	12.55	June 27	8.98	June 26	10.98	June 25	13.57
July 27	12.15	July 25	8.97	Aug. 10	12.75	July 26	11.58
Aug. 25	10.45	Aug. 24	7.80	27	12.89	Aug. 26	12.12
Sept. 24	9.98	Sept. 25	8.37	Oct. 3	8.96	Sept. 25	13.12
Oct. 26	9.05	Oct. 25	8.83	25	9.70	Oct. 29	10.72
Dec. 3	10.90	Nov. 27	9.90	Nov. 26	8.99	Nov. 25	10.68
27	11.10	Dec. 27	9.99	Dec. 24	10.09	Dec. 31	10.18

a Well being pumped.

455900118274001. Local number 6N/35E-20aca. J. E. Courtney. Dug and drilled irrigation water-table well in gravel, size of dug part 5 x 5 ft (2 x 2 m), depth 23 ft (7 m), cased with concrete. Diam, depth, and casing of drilled part unknown. Lsd 736.32 ft (224.43 m) above msl. MP hole in top of concrete platform, north side, 0.30 ft (0.09 m) above lsd. Highest water level 1.08 ft (0.33 m) below lsd, July 5, 1933; lowest dry, several times, 1961-66, 1968, 1970-73. Records available: 1933-74.

Date	Water level						
Jan. 25, 1971	(f)	Feb. 25, 1972	13.10	Feb. 23, 1973	14.30	Feb. 27, 1974	10.62
Feb. 25	13.89	Mar. 24	13.87	Mar. 26	11.47	Mar. 25	(a)
Mar. 25	14.07	Apr. 25	15.02	Apr. 27	12.89	Apr. 29	11.57
Apr. 26	13.00	May 25	15.19	May 25	(a)	May 28	10.49
May 26	(f)	June 24	13.69	June 26	(f)	June 25	14.64
June 25	11.74	July 25	(a)	July 10	(a)	July 26	(f)
July 27	(f)	Aug. 24	(a)	Aug. 10	(a)	Aug. 26	(f)
Aug. 25	(f)	Sept. 25	15.35	Oct. 3	(a)	Sept. 25	(f)
Oct. 26	14.31	Oct. 25	(f)	25	16.36	Oct. 29	13.66
Dec. 3	(f)	Nov. 27	11.67	Nov. 26	12.48	Nov. 25	11.24
27	(f)	Dec. 27	11.62	Dec. 24	17.35	Dec. 31	12.58
Jan. 27, 1972	11.90	Jan. 26, 1973	13.05	Jan. 28, 1974	10.56		

a Well being pumped.
f Dry.

455840118244501. Local number 6N/35E-24dec. G. Ransom. Dug and drilled irrigation water-table well in gravel, size 6 x 6 ft (2 x 2 m) to 10-in (25-cm) diam, depth 165 ft (50 m), cased with steel to 45 ft (14 m). Lsd 864.30 ft (263.44 m) above msl. MP top of 4- x 6-in (10- x 15-cm) plane on east side of well curb, 0.50 ft (0.15 m) above lsd. Highest water level 7.65 ft (2.33 m) below lsd, July 29, 1948; lowest 26.04 ft (7.94 m) below lsd, Aug. 26, 1974. Records available: 1933-74.

Jan. 25, 1971	11.25	Jan. 27, 1972	11.30	Jan. 26, 1973	11.45	Jan. 28, 1974	10.65
Feb. 25	11.57	Feb. 25	11.40	Feb. 23	11.73	Feb. 27	10.68
Mar. 25	11.62	Mar. 24	10.76	Mar. 26	12.01	Mar. 25	11.48
Apr. 26	11.48	Apr. 25	10.70	Apr. 27	15.98	Apr. 29	11.33
May 26	15.49	May 25	12.90	May 25	15.66	May 28	15.56
June 25	15.92	June 27	15.18	June 26	17.27	June 25	16.39
July 27	19.33	July 25	16.80	Aug. 10	25.24	July 26	24.07
Aug. 25	21.41	Aug. 24	17.56	27	25.88	Aug. 26	26.04
Sept. 24	11.98	Sept. 25	14.15	Oct. 3	25.08	Sept. 25	17.62
Oct. 26	12.15	Oct. 25	12.38	25	13.21	Oct. 29	15.97
Dec. 3	12.69	Nov. 27	11.74	Nov. 26	11.33	Nov. 25	12.96
27	11.70	Dec. 27	10.38	Dec. 24	13.16	Dec. 31	14.13

455830118241502. Local number 6N/35E-26bad. Earl Ransom. Dug and drilled irrigation water-table well in gravel, size 6 x 6 ft (2 x 2 m) to 8-in (20-cm) diam, depth 46 ft (14 m), dug portion concrete cased. Lsd 867.12 ft (264.30 m) above msl. MP top of 4- x 4-in (10- x 10-cm) stringer, 0.48 ft (0.15 m) above lsd. Highest water level 7.81 ft (2.30 m) below lsd, May 25, 1939; lowest 29.55 ft (9.01 m) below lsd, Mar. 23, 1967. Records available: 1933-74.

Jan. 25, 1971	26.52	Jan. 27, 1972	22.16	Jan. 26, 1973	27.04	Jan. 28, 1974	25.15
Feb. 25	25.31	Feb. 25	27.42	Feb. 23	27.32	Feb. 27	26.06
Mar. 25	25.99	Mar. 24	24.89	Mar. 26	24.91	Mar. 25	27.23
Apr. 26	24.65	Apr. 25	24.61	Apr. 27	21.49	Apr. 29	24.82
May 26	20.47	May 25	17.92	May 25	15.81	May 28	22.72
June 25	17.15	June 27	14.75	June 26	17.62	June 25	(a)
July 27	18.01	July 25	16.12	July 27	21.40	July 26	21.42
Aug. 25	17.62	Aug. 24	16.56	Aug. 10	25.81	Aug. 26	23.50
Sept. 24	18.49	Sept. 25	15.35	Oct. 3	20.68	Sept. 25	14.36
Oct. 26	23.46	Oct. 25	23.84	25	24.08	Oct. 29	23.92
Dec. 3	26.46	Nov. 27	25.33	Nov. 26	24.40	Nov. 25	27.20
27	26.52	Dec. 27	25.36	Dec. 24	24.31	Dec. 31	27.28

a Well being pumped.

455745118265001. Local number 6N/35E-28ccd. Lottie McKnight Estate. Dug unused water-table well in alluvium, size 7 x 7 ft (2 x 2 m), depth 29 ft (9 m), cribbed with concrete to 16 ft (5 m). Lsd 817.01 ft (249.02 m) above msl. MP top of concrete curb, north side, at lsd. Highest water level 2.05 ft (0.62 m) below lsd, June 15, 1955; lowest dry, several times, 1957-61, 1965-67, 1969-74. Records available: 1933-74.

Jan. 25, 1971	(f)	Jan. 27, 1972	(f)	Jan. 26, 1973	(f)	Jan. 28, 1974	21.99
Feb. 25	(f)	Feb. 25	(f)	Feb. 23	(f)	Feb. 27	(f)
Mar. 25	(f)	Mar. 24	(f)	Mar. 26	25.85	Mar. 25	(f)
Apr. 26	23.78	Apr. 25	24.00	Apr. 27	18.99	Apr. 29	23.60
May 26	22.82	May 25	17.99	May 25	15.75	May 28	23.42
June 25	17.95	June 27	13.98	June 26	18.72	June 25	19.88
July 27	20.34	July 25	18.92	Aug. 10	25.48	July 26	14.99
Aug. 25	24.42	Aug. 24	21.68	27	27.75	Aug. 26	16.36
Sept. 24	21.99	Sept. 25	19.97	Oct. 3	17.98	Sept. 25	21.52
Oct. 26	18.48	Oct. 25	15.75	25	14.98	Oct. 29	14.10
Dec. 3	21.27	Nov. 27	19.98	Nov. 26	18.94	Nov. 25	18.10
27	26.29	Dec. 27	28.58	Dec. 24	14.48	Dec. 31	16.18

f Dry.

455805118293001. Local number 6N/35E-30ccb. Dan Selleck. Dug domestic water-table well in gravel, size 5 x 5 ft (2 x 2 m), depth 30 ft (9 m), cribbed with concrete to 10 ft (3 m). Lsd 687.21 ft (209.46 m) above msl. MP top of concrete curb, 0.41 ft (0.12 m) above lsd. Highest water level 11.10 ft (3.38 m) below lsd, June 25, 1946; lowest dry, many times, 1957, 1960-74. Records available: 1933-74.

455805118293001--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25, 1971	(f)	Jan. 27, 1972	(f)	Jan. 26, 1973	28.57	Jan. 28, 1974	26.77
Feb. 25	(f)	Feb. 25	(f)	Feb. 23	(f)	Feb. 27	(f)
Mar. 25	(f)	Mar. 24	(f)	Mar. 26	26.64	Mar. 25	26.91
Apr. 26	(f)	Apr. 25	24.59	Apr. 27	26.57	Apr. 29	23.55
May 26	(f)	May 25	28.14	May 25	26.69	May 28	23.29
June 25	(f)	June 27	26.77	June 26	27.32	June 25	24.09
July 27	(f)	July 25	29.58	Aug. 10	26.99	July 26	25.94
Aug. 25	(f)	Aug. 24	(f)	Aug. 27	(f)	Aug. 26	26.41
Sept. 24	(f)	Sept. 25	29.31	Oct. 3	(f)	Sept. 25	26.53
Oct. 26	25.14	Oct. 25	23.07	25	(f)	Oct. 29	23.72
Dec. 3	24.48	Nov. 27	19.25	Nov. 26	25.87	Nov. 25	25.57
27	27.74	Dec. 27	24.73	Dec. 24	(f)	Dec. 31	(f)

f Dry.

455740118252501. Local number 6N/35E-34baa. Mrs. Jessie Reese. Dug irrigation water-table well in gravel, size 8 x 8 ft (2 x 2 m), depth 54 ft (16 m), cribbed with concrete to 20 ft (6 m). Lsd 881.55 ft (268.5 m) above msl. MP top of concrete curb, north side, 0.60 ft (0.18 m) above lsd. Highest water level 13.65 ft (4.16 m) below lsd, May 24, 1939; lowest dry, several times, 1955, 1960-64, 1966-68, 1971-73. Records available: 1933-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25, 1971	(f)	Jan. 27, 1972	50.05	Jan. 26, 1973	(f)	Jan. 28, 1974	48.88
Feb. 25	51.30	Feb. 25	51.25	Feb. 23	(f)	Feb. 25	52.40
Mar. 25	50.15	Mar. 24	50.09	Mar. 26	47.19	Mar. 27	48.64
Apr. 26	50.98	Apr. 25	48.90	Apr. 27	43.40	Apr. 29	49.75
May 26	37.51	May 25	32.64	May 25	28.46	May 28	43.90
June 25	34.87	June 27	26.54	June 26	34.30	June 25	45.40
July 27	39.80	July 25	35.28	Aug. 10	46.03	July 26	27.40
Aug. 25	45.30	Aug. 24	35.62	Aug. 27	43.27	Aug. 26	27.34
Sept. 24	45.22	Sept. 25	36.41	Oct. 3	35.43	Sept. 25	26.88
Oct. 26	47.60	Oct. 25	46.53	25	41.15	Oct. 29	38.86
Dec. 3	53.55	Nov. 27	51.72	Nov. 26	48.54	Nov. 25	49.65
27	50.49	Dec. 27	(f)	Dec. 24	41.12	Dec. 31	44.78

a Well being pumped.
f Dry.

455728118223501. Local number 6N/35E-36add. Walter Hermann. Dug domestic water-table well in gravel, size 4 x 4 ft (1 x 1 m), depth 44 ft (13 m), cribbed with concrete to 18 ft (5 m). Lsd 929.75 ft (283.39 m) above msl. MP zero of nonrecording float gage, top of concrete curb, 2.00 ft (0.61 m) above lsd. Highest water level 5.88 ft (1.79 m) below lsd, June 20, 1933; lowest dry, Mar. 23, 1967. Records available: 1933-74.

Date	Water level						
Jan. 25, 1971	29.53	Jan. 27, 1972	34.46	Jan. 26, 1973	33.82	Jan. 28, 1974	29.40
Feb. 25	31.14	Feb. 25	33.55	Feb. 23	32.76	Feb. 27	29.39
Mar. 25	32.49	Mar. 24	30.49	Mar. 26	33.75	Mar. 25	37.38
Apr. 26	32.44	Apr. 25	29.90	Apr. 27	32.45	Apr. 29	36.74
May 26	33.74	May 25	26.46	May 25	24.55	May 28	36.26
June 25	28.60	June 27	21.09	June 26	28.46	June 25	22.94
July 27	28.48	July 25	24.73	Aug. 10	30.80	July 26	30.00
Aug. 25	28.94	Aug. 24	24.88	27	28.40	Aug. 26	28.82
Sept. 24	27.52	Sept. 25	21.48	Oct. 3	27.06	Sept. 25	26.72
Oct. 26	32.60	Oct. 25	25.44	25	31.67	Oct. 29	34.42
Dec. 3	30.77	Nov. 27	30.64	Nov. 26	30.46	Nov. 25	35.40
27	35.03	Dec. 27	32.57	Dec. 24	32.17	Dec. 31	35.94

455730118231501. Local number 6N/35E-36bab. James Busch. Dug irrigation water-table well in gravel, size 5 x 5 ft (2 x 2 m); depth 4 $\frac{1}{2}$ ft (1.3 m), previously reported 41 ft (13 m); cribbed with concrete to 25 ft (8 m). Lsd 925.95 ft (282.23 m) above msl. MP top of concrete curb, west side, 2.20 ft (0.67 m) above lsd. Highest water level 8.75 ft (2.67 m) below lsd, June 12, 1950; lowest dry, several times, 1963-64, 1966-70. Records available: 1933-74.

Date	Water level						
Jan. 25, 1971	24.21	Jan. 27, 1972	26.86	Jan. 26, 1973	26.70	Jan. 28, 1974	24.24
Feb. 25	23.99	Feb. 25	26.18	Feb. 23	26.75	Feb. 27	25.26
Mar. 25	24.04	Mar. 24	23.34	Mar. 26	27.26	Mar. 25	24.60
Apr. 26	23.70	Apr. 25	25.33	Apr. 27	36.72	Apr. 29	24.80
May 26	21.47	May 25	22.23	May 25	26.03	May 28	25.78
June 25	23.88	June 27	27.43	June 26	25.55	June 25	24.74
July 27	38.35	July 25	28.78	Aug. 10	22.62	July 26	21.69
Aug. 28	39.70	Aug. 24	35.31	27	35.32	Aug. 26	23.32
Sept. 24	26.80	Sept. 25	28.20	Oct. 3	26.42	Sept. 25	19.99
Oct. 26	26.99	Oct. 25	28.79	25	23.74	Oct. 29	23.42
Dec. 3	25.80	Nov. 27	26.78	Nov. 26	21.78	Nov. 25	23.38
27	25.83	Dec. 27	25.79	Dec. 24	24.22	Dec. 31	23.29

Union County

452730117595901. Local number 1S/38E-24ddc. H. L. Wagner. Drilled irrigation artesian well in basalt, diam 12 to 8 in (30 to 20 cm), depth 1,150 ft (357 m), cased to bottom. Lsd about 2,735 ft (833 m) above msl. MP center line of pressure gage, 6.00 ft (1.83 m) above lsd. Highest water level 152 ft (46 m) above lsd, Nov. 6, 1974; lowest 53.0 ft (16.2 m) above lsd, Aug. 13, 1951. Records available: 1950-74.

GROUND-WATER LEVELS, 1971-74, NORTHWESTERN STATES

452730117596901--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 10, 1971	+91.50	Nov. 15, 1972	+98.50	Aug. 29, 1973	(a)	Aug. 7, 1974	+113.49
Oct. 3	89	Feb. 21, 1973	98.50	Nov. 13	+98.50	Nov. 6	152
Apr. 26, 1972	94	May 22	(a)	May 8, 1974	102.62		

a Well being pumped.

452840117580501. Local number 1S/39E-17cad. A. F. Furman. Drilled domestic water-table well in sand, diam 4 in (10 cm), depth 46 ft (14 m), cased with steel. Lsd about 2,735 ft (834 m) above msl. MP top of coupling on 4-in (10-cm) casing, 1.00 ft (0.30 m) above lsd. Highest water level 4.40 ft (1.34 m) below lsd, Feb. 17, 1965; lowest 25.55 ft (7.79 m) below lsd, Oct. 21, 1942. Records available: 1940-74.

May 12, 1971	6.16	Apr. 26, 1972	4.62	May 22, 1973	8.45	May 8, 1974	11.90
Aug. 10	17.65	Nov. 15	9.39	Aug. 29	19.54	Aug. 7	14.60
Oct. 3	9.29	Feb. 21, 1973	7.70	Nov. 13	10.39	Nov. 6	10.70

452003118055101. Local number 3S/38E-6add. City of LaGrande. Drilled municipal artesian well in basalt, diam 14 in (36 cm), depth 1,391 ft (424 m), cased with steel to unknown depth. Lsd 2,790 ft (850 m) above msl. MP cement sidewalk, at lsd. Highest water level 138.60 ft (42.25 m) above lsd, Aug. 7, 1974; lowest 32.4 ft (9.9 m) above lsd, Aug. 6, 1960. Records available: 1957-63, 1965-67, 1969-71, 1973-74. No measurement made in 1972. May 12, 1971 (well flowing); Oct. 3, +89; Feb. 21, 1973, +70; May 22 (well being pumped); Aug. 29, +40; May 8, 1974, +64.50; Aug. 7, +138.60.

451942118060601. Local number 3S/38E-6dca. Mrs. C. L. Gilstrap. Drilled domestic water-table well in gravel; diam 8 in (20 cm); depth 22 ft (7 m), previously reported 20 ft (6 m); cased to 20 ft (6 m). Lsd 2,795 ft (852 m) above msl. MP top of casing, 2.00 ft (0.61 m) below lsd. Highest water level 16.50 ft (5.03 m) below lsd, Feb. 18, 1958; lowest 21.86 ft (6.66 m) below lsd, Aug. 7, 1974. Records available: 1957-74.

Aug. 10, 1971	20.22	Nov. 15, 1972	18.24	Aug. 29, 1973	21.05	Aug. 7, 1974	21.86
Oct. 3	20.89	Feb. 21, 1973	21.05	Nov. 13	20.56	Nov. 6	21.53
Apr. 26, 1972	19.30	May 22	17.65	May 8, 1974	18.68		

Wasco County

453608121110301. Local number 1N/13E-3bca. City of The Dalles. Drilled municipal artesian well in basalt, diam 12 in (30 cm), depth 200 ft (61 m), cased with steel to 62 ft (19 m). Lsd 99.5 ft (30.3 m) above msl. MP hole in pumpbase, 6.40 ft (1.95 m) above lsd. Highest water level 16.9 ft (5.2 m) below lsd, July 19, 1928; lowest 80.63 ft (24.58 m) below lsd, Aug. 16, 1968. Records available: 1926-30, 1960-74.

Jan. 21, 1971	69.55	Mar. 15, 1972	58.77	Oct. 16, 1972	66.20	June 10, 1974	59.05
Feb. 17	67.75	June 16	60.01	Dec. 15	63.75	Sept. 9	66.83
June 11	65.27	July 17	63.44	Jan. 22, 1973	61.98	Oct. 4	67.34
Sept. 1	68.03	Aug. 16	67.55	Feb. 16	60.97	Nov. 4	65.40
Dec. 1	63.95	Sept. 18	67.08	Mar. 5	59.80	Dec. 5	64.09

453140121125001. Local number 1N/13E-32acd. Milton Martin. Drilled irrigation artesian well in basalt, diam 8 in (20 cm), depth 336 ft (102 m), cased to 44 ft (13 m). Lsd about 1,170 ft (357 m) above msl. MP center line of pressure gage, 1.50 ft (0.46 m) above lsd. Highest water level 186.5 ft (56.9 m) above lsd, Apr. 1, 1953; lowest 73.16 ft (22.30 m) above lsd, July 5, 1950. Records available: 1946-74. Mar. 8, 1971, +118.50; June 26, 1972 (well being pumped); Oct. 4, (well being pumped); Apr. 4, 1973 (well being pumped); Sept. 12 (well being pumped); June 11, 1974, +74 (well being pumped); Sept. 11, +11.50 (well being pumped).

453715121151701. Local number 2N/12E-25ddc. Earnest A. Kuck. Drilled irrigation water-table well in sandstone of Dalles Formation, diam 8 in (20 cm), depth 443 ft (135 m), cased to 250 ft (76 m). Lsd about 500 ft (152 m) above msl. MP airline port in pumpbase, 0.80 ft (0.24 m) above lsd. Highest water level 66.20 ft (20.18 m) below lsd, May 1, 1955; lowest 151.54 ft (46.19 m) below lsd, Aug. 6, 1953. Records available: 1947-74.

Mar. 9, 1971	109.13	June 27, 1972	111.90	Apr. 4, 1973	108.95	June 3, 1974	(a)
June 11	122.45	Oct. 4	113.49	Sept. 12	(a)	Sept. 12	133.33

a Well being pumped.

Washington County

453514122575001. Local number 1N/2W-8bca. T. R. Connell. Drilled domestic water-table well in valley fill, diam 6 in (15 cm), reported depth 60 ft (18 m), cased to 60 ft (18 m), perforated 28-60 ft (9-18 m). Lsd 200 ft (61 m) above msl. MP top of 6-in (15-cm) casing, 0.40 ft (0.12 m) above lsd. Highest water level 0.03 ft (0.01 m) above lsd, Dec. 20, 1955; lowest 26.91 ft (8.20 m) below lsd, July 15, 1954. Records available: 1951-74.

Jan. 26, 1971	1.44	Oct. 26, 1971	20.55	Jan. 24, 1973	2.21	July 18, 1974	14.61
Apr. 21	3.54	Feb. 9, 1972	3.67	May 31	12.03	Oct. 15	21.73
July 23	14.72	May 15	7.96				

453529122535602. Local number 1N/2W-1lbaa. Albert Zander. Drilled domestic artesian well in basalt, diam 6 in (15 cm), depth 125 ft (38 m), cased with steel to 105 ft (32 m). Lsd 250 ft (76 m) above msl. MP top of casing, 1.65 ft (0.50 m) below lsd. Highest water level 57.80 ft (17.62 m) below lsd, Mar. 17, 1952; lowest 77.52 ft (23.63 m) below lsd, Oct. 15, 1974. Records available: 1951-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1971	60.52	Oct. 26, 1971	59.46	Sept. 12, 1972	70.04	July 18, 1974	75.26
Apr. 21	60.90	Feb. 8, 1972	60.57	Jan. 24, 1973	59.93	Oct. 15	77.52
July 23	68.37	May 25	67.67	May 31	73.65		

453147122543201. Local number 1N/2W-35bec. E. L. Lewis. Dug domestic water-table well in alluvium, size 36 x 36 in (91 x 91 cm), depth 23 ft (7 m), cased with concrete to 23 ft (7 m). Lsd 195 ft (59 m) above msl. MP top of 1½-in (3.8-cm) vent pipe, 0.50 ft (0.15 m) above lsd. Highest water level 1.90 ft (0.58 m) below lsd, Dec. 20, 1955, Jan. 16, 1961; lowest 19.90 ft (6.07 m) below lsd, Sept. 22, 1951. Records available: 1951-72, 1974. No measurement made in 1973. Jan. 26, 1971, 2.16; Apr. 21, 3.08; July 23, 16.32; Oct. 26, 18.10; Feb. 9, 1972, 3.12; May 15, 5.72; Oct. 15, 1974, 18.16.

453426123015501. Local number 1N/3W-15ada. Art Salzwedal. Dug domestic water-table well in alluvium, diam 36 in (91 cm), depth 30 ft (9 m), cased with concrete tile to 30 ft (9 m). Lsd 185 ft (52 m) above msl. MP top of casing, 0.30 ft (0.09 m) above lsd. Highest water level 0.64 ft (0.20 m) below lsd, Dec. 20, 1955; lowest 25.33 ft (7.72 m) below lsd, Oct. 15, 1974. Records available: 1951-74.

Date	Water level						
Jan. 26, 1971	1.38	Oct. 26, 1971	16.57	Aug. 5, 1972	4.49	July 18, 1974	12.09
Apr. 23	3.66	Feb. 8, 1972	2.95	Jan. 24, 1973	2.24	Oct. 15	25.33
July 23	14.25	May 15	5.94	May 31	9.42		

453349123062001. Local number 1N/3W-19bab. A. J. Giesbers. Bored domestic water-table well in alluvium, diam 6 in (15 cm), depth 56 ft (17 m), cased with steel to 54 ft (16 m). Lsd 170 ft (52 m) above msl. MP top of casing, 0.35 ft (0.11 m) above lsd. Highest water level 0.79 ft (0.24 m) below lsd, Feb. 2, 1967; lowest 32.03 ft (9.76 m) below lsd, Aug. 16, 1951. Records available: 1951-74.

Date	Water level						
Jan. 26, 1971	1.14	Oct. 26, 1971	4.47	Aug. 5, 1972	5.41	July 18, 1974	4.88
Apr. 23	2.20	Feb. 8, 1972	2.09	Jan. 24, 1973	1.71	Oct. 15	9.03
July 23	5.34	May 15	2.52	May 31	3.73		

453117122593402. Local number 1N/3W-36ddc. Birdseye Cannery. Hillsboro. Drilled unused water-table well in sand and gravel of valley fill, diam 12 in (30 cm), reported depth 171 ft (52 m), cased with steel. Lsd 180 ft (55 m) above msl. MP top of 12-in (30-cm) casing, at lsd. Highest water level 7.02 ft (2.14 m) below lsd, Jan. 28, 1970; lowest 22.16 ft (6.75 m) below lsd, Sept. 22, 1951. Records available: 1951-73. No measurement made in 1974. Jan. 26, 1971, 9.50; Apr. 23, 12.37; Oct. 26, 16.43; Feb. 9, 1972, 12.41; May 11, 14.39; May 31, 1973, 15.59.

453050123081001. Local number 1S/4W-2adc. Myron Sheelar. Drilled irrigation water-table well in alluvium, diam 6 in (15 cm), depth 85 ft (26 m), cased with steel to unknown depth. Lsd 170 ft (52 m) above msl. MP top of casing, 0.80 ft (0.24 m) above lsd. Highest water level 7.81 ft (2.38 m) below lsd, Jan. 13, 1959; lowest 42.29 ft (12.89 m) below lsd, July 17, 1951. Records available: 1951-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1971	8.73	Oct. 26, 1971	14.47	Aug. 5, 1972	(a)	July 18, 1974	13.73
Apr. 21	11.42	Feb. 8, 1972	11.34	May 31, 1973	14.84	Oct. 15	36.97
July 23	15.70	May 15	17.24				

a Well being pumped.

452328122465201. Local number 2S/1W-14ccc. A. J. Martinazzi. Dug domestic and stock water-table well in alluvium, diam 36 in (91 cm), depth 51 ft (16 m), cased with concrete tile to 51 ft (16 m). Lsd 155 ft (47 m) above msl. MP inner lip of casing, at lsd. Highest water level 41.56 ft (12.67 m) below lsd, Feb. 18, 1956; lowest 50.79 ft (15.48 m) below lsd, Oct. 4, 1973. Records available: 1951-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25, 1971	46.24	Jan. 18, 1972	46.34	Jan. 2, 1973	48.83	Oct. 4, 1973	50.79
Apr. 16	43.72	Mar. 28	43.72	Apr. 19	48.18	July 5, 1974	44.48
July 21	46.36	July 26	43.14	July 12	49.21	Sept. 30	47.14
Oct. 14	48.38	Sept. 27	48.13				

452600122592201. Local number 2S/2W-6bbb. S. R. Rotchstrom. Drilled irrigation artesian well in Columbia River Basalt Group, diam 6 in (15 cm), reported depth 486 ft (149 m), cased to 250 ft (76 m). Lsd 180 ft (55 m) above msl. MP hole in south side of pumpbase, 0.60 ft (0.18 m) above lsd. Highest water level 4.66 ft (1.42 m) below lsd, Mar. 16, 1951; lowest 22.22 ft (6.77 m) below lsd, July 17, 1974. Records available: 1951-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25, 1971	14.97	Oct. 15, 1971	19.63	Sept. 11, 1972	18.27	Nov. 26, 1973	18.46
Apr. 20	11.58	Feb. 8, 1972	14.54	Jan. 25, 1973	16.65	July 17, 1974	22.22
July 22	18.44	May 5	11.85	May 30	17.51	Oct. 11	16.14

Yamhill County

450829123143801. Local number 5S/5W-13abc. George Fuller. Drilled domestic and stock artesian well in sand and gravel, diam 7 in (18 cm), depth 60 ft (20 m), cased with steel. Lsd 151.09 ft (46.05 m) above nsl. MP top of steel casing, 0.50 ft (0.15 m) above lsd. Highest water level 8.25 ft (2.51 m) below lsd, Apr. 1, 1963; lowest 35.78 ft (10.91 m) below lsd, Sept. 13, 1951. Records available: 1928-30, 1935-36, 1938-74.

Date	Water level						
Jan. 4, 1971	10.53	Jan. 5, 1972	11.08	Jan. 2, 1973	11.34	Oct. 4, 1973	23.46
Apr. 2	10.33	Mar. 28	12.35	Apr. 19	13.17	July 5, 1974	21.70
July 2	16.08	July 28	26.18	July 12	17.27	Sept. 30	23.33
Oct. 5	22.15	Sept. 27	23.29				

UTAH

The observation-well program in Utah, begun in 1935, was continued through 1974 in cooperation with the State Engineer. Water-level measurements are made in about 1,100 wells. Thirty-three of these wells are equipped with recording gages. In 47 ground-water areas, 164 wells were selected to represent the state.

Well-Numbering System

Wells are numbered according to their latitude-longitude location, as explained on page 1. Local well numbers are also given.

The local well number indicates the location of the well with reference to land subdivision, according to the system adopted by the State Engineer. By this system (described in the 20th Biennial Report) the State is divided into four quadrants by the Salt Lake base and meridian. These quadrants are designated by capital letters, thus: A for the northeast quadrant, representing townships north, ranges east; B for the northwest quadrant, C for the southwest, and D for the southeast. Numbers designating the township and range follow the quadrant letter, and all three are enclosed in parentheses. Thus, in well number (C-29-7)21baa-1, the part within parentheses indicates that the well is in T.29 S., R.7 W. The number after the parentheses designates the section. The lowercase letters give the location of the well within the section, the first letter indicating the quarter section and the other letters the location within the quarter section down to a 10-acre tract. Thus, number (C-29-7)21baa-1 represents well number 1 in the NENE&NW& sec. 21, T.29 S., R.7 W. In the area surveyed from the Uinta special base and meridian (in Duchesne and Uintah Counties), the well numbers are preceded by the letter U. The State claim or application number given is that used in records of the State Engineer. Claim numbers refer to wells that were in existence when the State ground-water law went into effect in March 1935; the application numbers refer to wells completed since that date.

Well Descriptions and Water-Level Measurements

Water levels are in feet below land-surface datum, unless otherwise indicated. When some measurements in a table are above and others below the plane of reference, a plus (+) or minus (-) sign is placed immediately before the first entry in each column of each mixed table. Readings between plus signs are above the plane of reference, those between minus signs are below the plane of reference.

Beaver County

Beaver Valley

381642112385701. Local number (C-29-7)21baa-1. State application 21717. John R. and J. Ellis Yardley. Drilled irrigation artesian well in alluvium, diam 12 to 6 in (30 to 15 cm), depth 415 ft (126 m), cased to 380 ft (116 m). Lsd 5,865.15 ft (1,787.70 m) above msl. MP top of 12-in (30-cm) casing, 0.20 ft (0.06 m) above lsd. Highest water level 0.08 ft (0.02 m) below lsd, June 24, 1952; lowest 29.71 ft (9.06 m) below lsd, Mar. 29, 1960. Records available: 1935-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 16, 1971	26.66	Sept. 4, 1973	6.92	Apr. 4, 1974	24.15	July 23, 1974	8.20
Oct. 8	15.29	12	8.75	15	19.15	28	9.38
Mar. 6, 1972	28.60	21	10.60	19	17.92	Aug. 5	10.42
Oct. 2	23.12	Oct. 2	12.32	22	16.01	18	13.48
Mar. 6, 1973	27.99	Nov. 15	16.68	27	14.56	19	13.54
June 9	3.03	13	18.34	May 3	12.21	20	13.80
12	2.38	20	19.90	20	8.36	21	14.15
July 10	1.62	Dec. 17	24.69	June 10	4.52	Sept. 23	18.09
18	.78	Mar. 2, 1974	25.97	24	5.38	Oct. 2	20.37
26	1.20	22	28.30	26	4.60	Nov. 12	22.11
Aug. 1	1.64	28	26.35	July 10	6.12	Dec. 10	25.00
8	1.90	Apr. 2	24.82				

381516112422201. Local number (C-29-8)25cac-1. State claim 13115. Beaver School District. Drilled domestic artesian well in alluvium, diam 2 in (5.1 cm), depth 290 ft (88 m), cased to 250 ft (76 m). Lsd about 5,672 ft (1,729 m) above msl. MP top of 2-in (5.1-cm) elbow, 2.40 ft (0.73 m) above lsd. Highest water level 13.0 ft (4.0 m) above lsd, June 29, 1938; lowest 8.3 ft (2.5 m) above lsd, Sept. 26, 1966, Mar. 8, 1967. Records available: 1936-57, 1959-74.

Mar. 6, 1971	+9.3	Feb. 28, 1973	+9.8	Oct. 2, 1973	+9.3	May 22, 1974	+9.4
Mar. 10, 1972	8.8	July 10	9.3	Mar. 2, 1974	9.8	Oct. 2	9.6
Oct. 2	9.8	27	9.4				

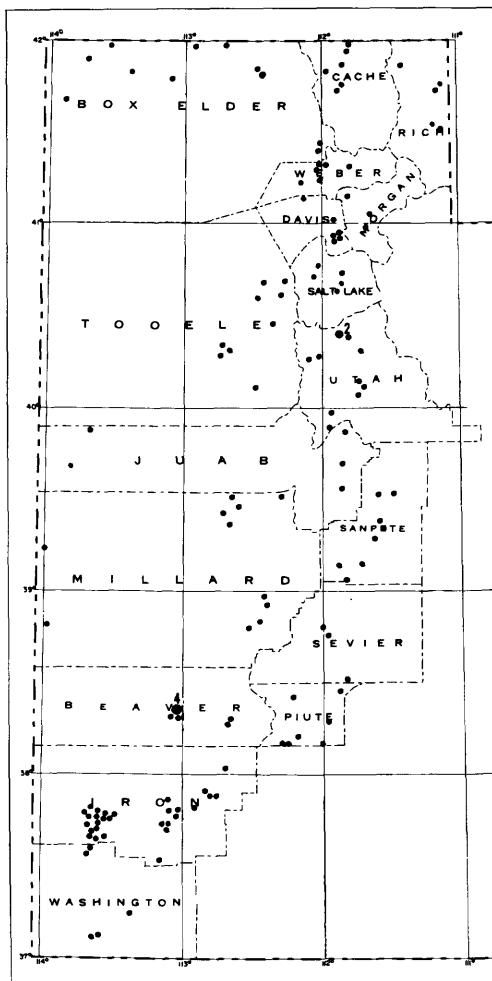
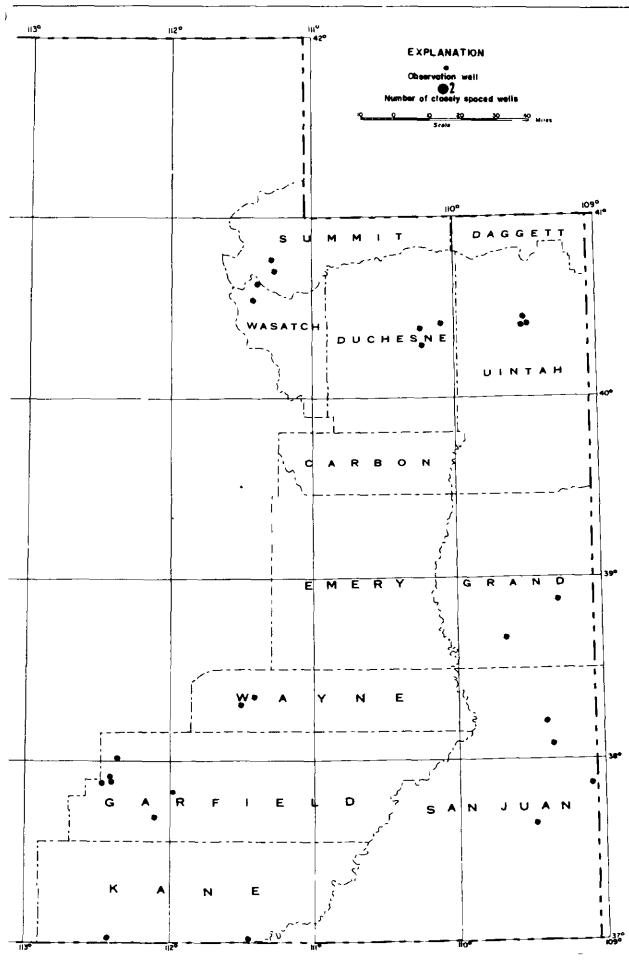


Figure 7.--Location of observation



wells in Utah, 1971-74.

Escalante Valley

(For other wells in this valley see Iron and Washington Counties)

382140113010501. Local number (C-28-10)19add-3. State application A-20265 "R". Clauss Marshall. Drilled irrigation water-table well in alluvium, diam 14 in (36 cm), depth 160 ft (49 m), casing information not available. Lsd 4,974.4 ft (1,516.2 m) above msl. MP hole in pumpbase, 1.20 ft (0.37 m) above lsd, or invert of discharge pipe, 12.00 ft (3.66 m) above lsd. Highest water level 9,85 ft (3.00 m) below lsd, Mar. 24, 1955; lowest 41.58 ft (12.67 m) below lsd, Sept. 16, 1971. Records available: 1954-74. The measurement of 20.36 ft for Mar. 11, 1970, published in WSP 1980, was in error; the correct measurement for this date is included in the table below.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 11, 1970	22.16	Sept. 16, 1971	41.58	Oct. 2, 1972	32.75	Oct. 1, 1973	25.90
Nov. 2	26.55	Mar. 2, 1972	23.54	Mar. 1, 1973	25.17	Mar. 1, 1974	15.77
Mar. 2, 1971	22.74	30	23.30				

382137113040801. Local number (C-28-11)22dab-2. Formerly (C-28-11)22dab-1. Houston & Goff. Drilled stock water-table well in alluvium, diam 8 in (20 cm), depth 72 ft (22 m), cased to 72 ft (22 m). Lsd 5,004 (1,525 m) above msl. MP top of casing, 5.10 ft (1.55 m) below lsd. Highest water level 29.90 ft (9.11 m) below lsd, Dec. 7, 1951; lowest 49.48 ft (15.08 m) below lsd, Sept. 2, 1971. Records available: 1941-74.

Oct. 1, 1970	48.76	June 9, 1971	48.84	Mar. 1, 1972	47.37	Sept. 6, 1972	48.83
Nov. 2	47.30	July 13	49.10	Oct. 2	47.22	Oct. 3	48.83
Dec. 2	47.10	Aug. 10	49.33	May 2	48.12	Mar. 1, 1973	47.67
Jan. 20, 1971	46.95	Sept. 2	49.48	June 2	49.01	Oct. 1	48.08
Mar. 2	46.85	Oct. 1	48.42	July 6	48.46	Mar. 1, 1974	47.23
Apr. 1	46.75	Nov. 18	47.74	Aug. 1	49.40	Oct. 1	49.15
May 6	48.18	Jan. 12, 1972	47.48				

381909113005101. Local number (C-29-10)6abb-1. Formerly (C-29-10)6aca-1. State claim a-2042. J. A. Mayer. Formerly H. Leo Clayson. Drilled unused water-table well in alluvium, diam 16 in (41 cm), depth 98 ft (30 m), cased to 98 ft (30 m). Lsd 5,013.5 ft (1,528.1 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 26.97 ft (8.22 m) below lsd, Mar. 18, 1953; lowest 69.27 ft (21.11 m) below lsd, Sept. 15, 1964. Records available: 1951-74.

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	50.15	48.73	47.70	47.02	58.55	61.17	64.38	66.12	66.58	63.28	58.02	53.21
10	49.80	48.58	47.58	50.64	59.70	62.14	64.73	66.32	66.77	62.15	57.10	52.80
15	49.72	48.31	47.52	52.88	60.41	62.97	65.20	66.52	66.93	61.15	56.03	52.55
20	49.39	48.08	47.21	54.52	60.74	63.18	65.50	66.62	66.77	60.77	54.25	52.30
25	49.28	47.89	47.07	55.94	59.80	63.57	65.60	66.52	65.63	59.57	54.32	51.88
Eom	48.92	47.83	46.84	57.13	60.20	63.87	65.88	66.40	64.45	58.82	53.68	51.76

1972

5	51.52	50.12	49.15	49.93	57.12	62.58	e64.9	66.09	66.79	65.64	60.11	55.01
10	51.23	49.94	48.92	52.17	58.92	63.52	64.31	66.43	66.98	64.92	59.14	54.46
15	51.07	49.74	48.85	53.00	60.25	63.83	63.70	66.75	67.12	64.37	58.48	54.13
20	50.83	49.56	48.97	55.11	61.18	64.14	64.36	66.67	67.16	63.53	57.74	53.69
25	50.53	49.42	49.08	52.72	61.48	64.18	64.85	66.59	66.73	62.28	56.87	53.42
Eom	50.20	49.17	49.52	55.18	61.57	64.47	65.55	66.66	66.21	61.12	55.90	53.01

1973

5	51.52	50.12	49.15	49.93	57.12	62.58	e64.9	66.09	66.79	65.64	60.11	55.01
10	51.23	49.94	48.92	52.17	58.92	63.52	64.31	66.43	66.98	64.92	59.14	54.46
15	51.07	49.74	48.85	53.00	60.25	63.83	63.70	66.75	67.12	64.37	58.48	54.13
20	50.83	49.56	48.97	55.11	61.18	64.14	64.36	66.67	67.16	63.53	57.74	53.69
25	50.53	49.42	49.08	52.72	61.48	64.18	64.85	66.59	66.73	62.28	56.87	53.42
Eom	50.20	49.17	49.52	55.18	61.57	64.47	65.55	66.66	66.21	61.12	55.90	53.01

1974

5	46.72	45.51	44.57	47.66	56.70	61.68	63.48	64.99	65.13	62.03	57.61	52.65
10	46.67	45.42	44.50	48.50	58.23	62.22	63.99	64.19	65.10	61.44	56.22	52.20
15	46.42	45.29	44.39	49.64	59.50	62.97	64.59	64.12	64.95	60.25	55.53	48.20
20	46.10	45.11	44.21	51.05	60.33	63.28	64.99	64.19	64.66	59.94	54.08	51.55
25	45.87	44.8	44.19	e53.0	61.39	63.24	65.00	64.63	63.97	59.20	53.45	51.39
Eom	45.73	44.7	44.01	e54.9	61.34	62.94	65.05	65.05	63.01	58.29	53.05	51.04

e Estimated.

381836113004301. Local number (C-29-10)6ddce-2. State claim 13116-R. Wilford Thompson. Drill-ed irrigation water-table well in alluvium, diam 16 in (41 cm), depth 154 ft (47 m), cased to 154 ft (47 m). Lsd 5,033.0 ft (1,534.1 m), previously reported 5,003.0 ft (1,524.9 m), above msl. MP top of casing, at lsd. Highest water level 34.10 ft (10.39 m) below lsd, Mar. 16, 1953; lowest 83.70 ft (25.51 m) below lsd, Oct. 2, 1968. Records available: 1952-74.

Date	Water level						
Oct. 1, 1970	71.30	Oct. 2, 1971	73.20	Mar. 2, 1973	61.09	Mar. 1, 1974	55.51
Nov. 2	64.29	Mar. 2, 1972	59.19	Oct. 1	70.42	Oct. 1	71.52
Mar. 3, 1971	57.40	Oct. 2	82.60				

381925113054001. Local number (C-29-11)4bae-1. H. Cook and J. Cook. Formerly W. H. Child. Dug and drilled stock water-table well in alluvium; diam 16 in (41 cm), previously reported 4 ft (1 m); depth 68 ft (21 m) previously reported 41 ft (13 m); cased with pipe. Lsd 5,022.80 ft (1,530.95 m) above msl. MP top of well casing, 0.90 ft (0.27 m) above lsd (revised). Highest water level 34.10 ft (10.39 m) below lsd, Apr. 1, 1952; lowest (revised) 48.24 ft (14.70 m) below lsd, Oct. 1, 1974. Records available: 1941-46, 1948-74. All measurements, beginning in 1961, should be increased 0.10 ft (0.03 m) to allow for the correction in the MP.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 20, 1971	47.43	Sept. 2, 1971	b47.64	Apr. 1, 1972	47.49	Oct. 3, 1972	47.89
Mar. 3	47.45	Oct. 1	b47.76	May 2	47.87	Mar. 1, 1973	47.79
June 9	47.33	Nov. 18	b47.59	July 6	47.48	Oct. 1	b47.81
July 13	47.67	Jan. 12, 1972	b47.63	Aug. 1	47.62	Mar. 1, 1974	47.63
Aug. 11	47.61	Mar. 1	b47.55	Sept. 8	47.79	Oct. 1	48.24

b Well pumped recently.

381743113032201. Local number (C-29-11)1lcd-2. State claim 7540. J. L. Shepherd. Drilled irrigation water-table well in alluvium, diam 16 in (41 cm), depth 90 ft (27 m), cased to 90 ft (27 m), perforated 56-62 ft (17-19 m), 65-69 ft (20-21 m), 78-90 ft (24-27 m). Lsd 5,018.16 ft (1,529.54 m) above msl. MP hole in casing, at lsd. Highest water level 17.10 ft (5.21 m) below lsd, Mar. 23, 1956; lowest 45.50 ft (13.87 m) below lsd, Oct. 2, 1968. Records available: 1937-74.

Oct. 1, 1970	43.95	Oct. 2, 1971	42.57	Mar. 1, 1973	40.35	Mar. 1, 1974	39.38
Nov. 2	42.29	Mar. 2, 1972	39.73	Oct. 1	43.00	Oct. 1	43.74
Mar. 3, 1971	39.35	Oct. 3	42.13				

Box Elder County

East Shore Area

(For other wells in this area see Davis and Weber Counties)

412151112020601. Local number (B-7-2)1lbaa-3. State claim 6409. Jack White. Drilled irrigation water-table well in alluvium, diam 10 in (25 cm), depth 365 ft (113 m), cased to 365 ft (111 m). Lsd 4,231.0 ft (1,289.6 m) above msl. MP hole in casing, 1.50 ft (0.46 m) above lsd. Highest water level 19.06 ft (5.81 m) below lsd, Sept. 13, 1973; lowest 45.70 ft (13.93 m) below lsd, Oct. 18, 1961. Records available: 1947-74.

Mar. 2, 1971	36.50	Mar. 9, 1972	35.56	Mar. 2, 1973	34.48	Mar. 4, 1974	29.03
Oct. 3	28.51	Sept. 20	29.33	Sept. 13	19.06	Sept. 25	24.86

412439112021601. Local number (B-8-2)23cd-1. State claims 1284 and 8126. Willard Water Co. Drilled irrigation artesian well in coarse gravel, diam 13 to 10 in (33 to 25 cm), depth 255 ft (78 m), cased to 225 ft (69 m), perforated 97-172 ft (30-52 m), 180-197 ft (55-60 m). Lsd 4,328.8 ft (1,319.4 m) above msl. MP bottom of inspection opening in pumpbase, 0.50 ft (0.15 m) above lsd. Highest water level 24.04 ft (7.33 m) below lsd, June 4, 1958; lowest 50.44 ft (15.37 m) below lsd, Oct. 29, 1935. Records available: 1935-74.

Mar. 2, 1971	39.64	Mar. 9, 1972	38.56	Mar. 2, 1973	40.62	Mar. 4, 1974	39.89
Oct. 3	38.13	Sept. 21	38.78	Sept. 13	34.92	Sept. 25	40.23

Blue Springs Valley

415148112270601. Local number (B-13-5)17bea-1. State claim 3776. Ross A. Miller. Driven domestic and stock artesian well in alluvium, diam 6 in (15 cm), depth 135 ft (41 m), cased to 135 ft (41 m). Lsd 4,500 ft (1,372 m) above msl. MP top of casing, 1.40 ft (0.43 m) above lsd. Highest water level 59.75 ft (18.21 m) below lsd, Aug. 27, 1951; lowest 94.50 ft (28.80 m) below lsd, May 27, 1952. Records available: 1935-62, 1964-71. Measurement discontinued. Replaced by well (B-13-5)28bab1. Mar. 22, 1971, 60.37; Sept. 18, 1971, 60.15.

415016112255101. Local number (B-13-5)28bab-1. State claim 2316; Aebischer Bros. Drilled unused water-table well in alluvium, diam 4 in (10 cm), depth 112 ft (34 m), casing information not available. Lsd 4,675 ft (1,425 m) above msl. MP top of 4-in (10-cm) casing, 1.50 ft (0.46 m) above lsd. Highest water level 54.90 ft (16.73 m) below lsd, Oct. 6, 1967; lowest 63.80 ft (19.45 m) below lsd, Mar. 22, 1968. Records available: 1965, 1967-71, 1974. No measurement made in 1966, 1972-73.

Mar. 11, 1965	60.39	Oct. 6, 1967	54.90	Oct. 7, 1969	61.80	Mar. 22, 1971	62.48
Aug. 2	63.33	Mar. 22, 1968	63.80	July 8, 1970	62.17	Sept. 29	62.66
Nov. 2	63.03	Oct. 29	62.84	Sept. 21	62.27	Sept. 16, 1974	58.09
Mar. 9, 1967	63.22						

Curlew Valley

414541113053401. Local number (B-12-11)16cdc-1. U.S. Bureau of Land Management. Drilled unused artesian well in gravel, diam 8 in (20 cm), depth 126 ft (38 m), cased to 126 ft (38 m). Lsd 4,230 ft (1,289.7 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 8.24 ft (2.51 m) below lsd, Oct. 25, 1945; lowest 17.10 ft (5.21 m) below lsd, Oct. 5, 1957. Records available: 1935-36, 1938-59, 1961-65, 1967-68, 1971-74. Aug. 4, 1971, 14.50; Mar. 22, 1972, 12.34; Dec. 20, 13.41; Sept. 18, 1973, 14.01; Apr. 24, 1974, 12.02; Sept. 16, 14.93.

415754112424801. Local number (B-14-8)llaba-1. Bealy S. Cutler. Jetted stock artesian well in alluvium, diam 4 in (10 cm), depth 73 ft (22 m), cased to 73 ft (22 m). Lsd 4,550 ft (1,387 m) above msl. MP hole in pumpbase, 1,00 ft (0.30 m) above lsd. Highest water level 39.55 ft (12.05 m) below lsd, Oct. 31, 1951; lowest 48.00 ft (14.63 m) below lsd, Apr. 1, 1940. Records available: 1936-41, 1943-74. Mar. 23, 1971, 41.13; Mar. 23, 1972, 43.29; Dec. 20, 41.81; Mar. 7, 1973, 45.04; Oct. 3, 44.63; Apr. 9, 1974, 43.96; Sept. 16, 43.76.

415748112552401. Local number (B-14-9)7bbb-1. State application 26399. Cummins Bros. Drilled irrigation artesian well in alluvium interbedded with basalt, diam 14 in (36 cm), depth 608 ft (185 m), cased to 608 ft (185 m). Lsd 4,410+ ft (1,344 m) above msl. MP hole in pumpbase, 1,00 ft (0.30 m) above lsd. Highest water level 154.02 ft (46.95 m) below lsd, May 9, 1962; lowest 187.56 ft (57.17 m) below lsd, Mar. 11, 1970. Records available: 1955-60, 1962, 1964-74. Mar. 23, 1971, 165.81; Mar. 22, 1972, 163.71; Dec. 20, 171.79; Apr. 4, 1973, 164.54; Oct. 3, 162.78; Apr. 9, 1974, 163.60.

Grouse Creek Valley

413812113543001. Local number (B-11-18)33ada-1. State application 18061. Ross Warburton. Drilled irrigation artesian well in alluvium, diam 16 in (41 cm), depth 59 ft (18 m), cased to 59 ft (18 m). Lsd about 5,200 ft (1,585 m) above msl. MP top of casing, 1,00 ft (0.30 m) above lsd. Highest water level 20.05 ft (6.11 m) below lsd, Oct. 24, 1952; lowest 37.80 ft (11.52 m) below lsd, Oct. 12, 1966. Records available: 1948-59, 1961-74. Mar. 22, 1971, 30.62; Sept. 29, 22.76; Mar. 24, 1972, 24.32; Apr. 5, 1973, 24.70; Apr. 16, 1974, 25.13.

Park Valley

414908113241901. Local number (B-13-14)25ccb-3. J. Henry Kunzler. Dug domestic water-table well in alluvium, diam 4 ft (1 m), depth 28 ft (9 m), lined with rock. Lsd 5,665+ ft (1,727+ m) above msl. MP top of platform, 0.30 ft (0.09 m) above lsd. Highest water level 6.81 ft (2.08 m) below lsd, May 9, 1962; lowest 23.68 ft (7.22 m) below lsd, Oct. 14, 1966. Records available: 1936, 1938-74. Mar. 23, 1971, 19.67; Sept. 29, 13.17; Mar. 24, 1972, 13.67; Sept. 18, 1973, 13.82; Apr. 16, 1974, 11.67; Sept. 16, 14.41.

Raft River Valley

415236113443001. Local number (B-13-17)ldab-1. State claim 18695. Lynn School District. Drilled domestic artesian well in valley fill, diam 4 in (10 cm), depth 180 ft (55 m), cased to 180 ft (55 m). Lsd 5,920+ ft (1,804+ m) above msl. MP top of casing, 1,00 ft (0.30 m) above lsd. Highest water level 11.45 ft (3.49 m) below lsd, Apr. 9, 1974; lowest 26.63 ft (8.12 m) below lsd, Oct. 12, 1961. Records available: 1948-74. Mar. 22, 1971, 21.19; Sept. 29, 22.15; Mar. 23, 1972, 19.75; Sept. 6, 1973, 16.10; Apr. 9, 1974, 11.45; Sept. 16, 19.87.

415738113323401. Local number (B-14-15)3ddd-1. State claim 19482. Morris A. Smith. Dug domestic water-table well in alluvium, diam 4 ft (1 m), depth 56 ft (17 m), lined with rock. Lsd 5,975+ ft (1,821+ m) above msl. MP top of 2- x 6-in (5.1- x 15-cm) plank well cover, 0.20 ft (0.06 m) above lsd. Highest water level 28.80 ft (8.78 m) below lsd, May 28, 1952; lowest dry at 56.00 ft (17.07 m) below lsd, Oct. 26, 1960. Records available: 1935-36, 1938-74. Sept. 29, 1971, 49.64; Mar. 23, 1972, 42.01; Sept. 6, 1973, 47.77; Sept. 16, 1974, 49.87.

Cache County

Cache Valley

414501111520101. Local number (A-12-11)29cab-1. State claim 17661. Edwin Gossner. Drilled un-used artesian well in alluvium, diam 2 in (5.1 cm), depth 43 ft (13 m), cased to 43 ft (13 m). Lsd 4,437.05 ft (1,352.41 m) above msl. MP top of coupling, 0.30 ft (0.09 m) above lsd. Highest water level 22.9 ft (7.0 m) above lsd, Sept. 25, 1950; lowest 13.6 ft (4.2 m) above lsd, Aug. 24, 1940. Records available: 1940-74.

Highest water level for the day, above lsd, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+17.9	+18.0	....	+18.1	....	....	+19.3	+20.5	+20.5	+20.4	+19.7
10	e17.9	e18.0	....	....	....	....	e19.2	20.2	20.5	20.5	19.7
15	e17.8	e17.9	....	....	....	....	19.1	21.0	20.8	19.8	19.7
20	e17.7	e17.8	....	....	....	+19.5	19.9	20.8	20.7	e19.8	19.5
25	e17.6	17.8	+18.4	....	....	19.9	e20.2	20.8	20.5	e19.8	19.8
Eom	e+18.0	17.6	e17.8	18.5	e18.5	e+18.6	18.7	20.5	20.8	20.4	e19.8	19.5

1972

5	+19.2	+19.2	+18.7	+18.8	+19.0	+18.8	+19.5	e+19.9	+20.2	e+20.7	e+20.8	+20.4
10	19.5	19.0	19.1	18.8	18.8	19.0	19.2	e20.0	20.7	20.8	e20.8	e20.0
15	19.3	19.1	18.9	18.8	18.6	19.1	19.3	20.1	21.0	20.5	e20.8	19.8
20	19.3	18.8	18.7	18.6	18.4	19.2	19.8	20.0	e21.0	20.6	e20.8	e19.8
25	19.5	19.0	19.0	18.8	18.5	19.5	19.7	20.5	20.9	e20.7	e20.8	e19.8
Eom	19.3	18.8	19.0	18.7	18.9	19.9	e19.8	20.5	20.6	20.8	20.8	19.8

1973

5	e+19.6	e+19.2	+18.8	+18.0	+17.8	+17.9	e+17.7	+18.0	+18.9	+19.4	+18.9	+18.1
10	19.5	19.1	e18.0	17.9	18.0	17.5	e17.8	18.5	19.1	19.0	18.7	18.4
15	e19.5	18.8	17.7	17.6	17.7	e17.5	17.9	18.4	19.5	19.2	18.5	18.0
20	19.5	e18.8	17.7	17.4	17.0	e17.5	18.0	18.0	19.8	19.2	18.2	18.2
25	19.5	e18.8	e17.6	17.9	17.3	17.6	18.2	18.3	19.0	19.1	17.9	18.2
Eom	e19.3	18.8	17.4	17.5	17.8	e17.6	18.5	18.7	18.9	19.1	18.0	18.0

414501111520101--Continued.

1974

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	e+18.0	+18.0	e+17.5	+17.6	+17.7	+17.95	+19.0	+19.0	+19.6	+19.8	+19.9	+19.7
10	e18.0	e17.9	e17.5	17.5	16.7	18.0	18.5	19.0	19.4	20.0	20.0	19.6
15	e18.0	e17.8	17.4	e17.5	17.2	18.0	18.0	19.5	20.0	20.2	20.1	19.2
20	e18.0	17.5	17.6	e17.8	17.1	18.0	18.5	19.5	19.6	20.3	20.2	19.6
25	e18.0	e17.6	e17.6	18.0	17.3	18.0	18.8	18.5	20.0	20.2	20.2	19.7
Eom	18.0	e17.5	17.5	18.0	17.75	18.0	19.2	18.7	19.9	20.0	19.9	19.3

e Estimated.

4144101111523601. Local number (A-12-1)31dab-1. State claim 2537. R. S. Painter. Drilled stock and irrigation artesian well in alluvium, diam 3 in (7.6 cm), depth 132 ft (40 m), cased to 132 ft (40 m). Lsd 4,431.10 ft (1,350.60 m) above msl. MP top of elbow, 2.30 ft (0.70 m) above lsd. Highest water level 42.4 ft (12.9 m) above lsd, Oct. 23, 1952; lowest 27.4 ft (8.4 m) above lsd, Sept. 30, 1937. Records available: 1936-47, 1949-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 1, 1971	+29.6	Mar. 1, 1972	+33.4	Mar. 1, 1973	+32.7	Mar. 14, 1974	+31.0
Sept. 1	34.5	Sept. 11	33.0	Sept. 12	32.1	Sept. 13	32.0

415022111513001. Local number (A-13-1)29adc-1. Formerly (A-13-1)29bdb-1. State claim 1682. J. C. Cannell. Jetted stock artesian well in alluvium, diam 2 in (5.1 cm), depth 106 ft (32 m), cased to 106 ft (32 m). Lsd 4,480 ft (1,366.7 m) above msl. MP top of casing, at lsd. Highest water level 9.9 ft (3.0 m) above lsd, Aug. 14, 1936; lowest 7.90 ft (2.41 m) below lsd, Mar. 14, 1967. Records available: 1936-74.

Mar. 1, 1971	-4.30	Mar. 1, 1972	-3.84	Mar. 1, 1973	-4.33	Mar. 14, 1974	+4.99
Sept. 1	+4.50	Sept. 12	+6.80	Sept. 12	+2.90	Sept. 13	+4.3

415638111494201. Local number (A-14-1)22bad-1. State claim 17652. C. B. Stoddard. Jetted stock artesian well in alluvium, diam 3 in (7.6 cm), depth 114 ft (35 m), cased to 114 ft (35 m). Lsd 4,467.36 ft (1,361.65 m) above msl. MP top of ell, 2.00 ft (0.61 m) above lsd. Highest water level 20.6 ft (6.3 m) above lsd, July 1, 1969; lowest 1.0 ft (0.3 m) above lsd, Mar. 1, 1971. Records available: 1938-74.

Mar. 1, 1971	+1.0	Mar. 1, 1972	+7.3	Mar. 1, 1973	+6.6	Mar. 13, 1974	+7.4
Sept. 1	16.3	Sept. 12	12.0	Sept. 12	9.8	Sept. 13	10.4

415450111490801. Local number (A-14-1)34abd-1. State claim 1373. Crockett Well Co. Drilled irrigation artesian well in alluvium, diam 13 to 8 in (33 to 20 cm), depth 150 ft (46 m), cased to 100 ft (30 m), perforated 10-68 ft (3-21 m). Lsd 4,543.7 ft (1,384.9 m) above msl. MP hole in northwest side of casing, 0.90 ft (0.27 m) above lsd. Highest water level 2.95 ft (0.90 m) below lsd, June 26, 1936; lowest 17.99 ft (5.48 m) below lsd, Dec. 27, 1939. Records available: 1935-74.

Mar. 1, 1971	10.99	Mar. 1, 1972	9.14	Mar. 1, 1973	17.43	Mar. 13, 1974	8.98
Sept. 1	6.27	Sept. 12	10.29	Sept. 12	9.43	Sept. 13	8.97

415008111593901. Local number (B-13-1)30acc-1. State claim 2757. E. R. Ballard. Jetted stock artesian well in fine gravel, diam 2 in (5.1 cm), depth 90 ft (27 m), cased to 90 ft (27 m). Lsd 4,425± ft (1,349± m) above msl. MP top of elbow, 3.00 ft (0.91 m) above lsd. Highest water level 23.9 ft (7.3 m) above lsd, Mar. 1, 1972; lowest 15.7 ft (4.8 m) above lsd, Mar. 6, 1936. Records available: 1936-74.

Mar. 1, 1971	+21.6	Mar. 1, 1972	+23.9	Mar. 1, 1973	+21.8	Mar. 13, 1974	+19.9
Sept. 1	22.9	Sept. 12	21.8	Sept. 12	22.3	Sept. 11	20.2

Davis County

East Shore Area

(For other wells in this area see Box Elder and Weber Counties)

Bountiful District

405447111524301. Local number (A-2-1)18abd-12. T.Q. Williams. Jetted unused artesian well in alluvium, diam 2 in (5.1 cm), depth 90 ft (27 m), cased to 90 ft (27 m). Lsd 4,285 ft (1,306 m) above msl. MP top of recorder-shelter support, 2.40 ft (0.73 m) above lsd. Highest water level 31.6 ft (9.6 m) above lsd, June 9, 1944; lowest 2.7 ft (0.8 m) above lsd, Aug. 5, 1961. Records available: 1938-74.

405447111524301--Continued.

Highest water level for the day, above lsd, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	e+22.5	+22.2	+21.0	+19.8	+19.9	+20.5	+21.8	+23.0	+27.3	+27.2	+25.2	+24.3
10	22.5	22.0	20.8	19.9	19.9	20.7	21.2	23.4	27.7	25.3	25.2	24.0
15	22.3	22.0	20.6	19.8	19.8	21.5	21.6	24.1	27.9	24.8	24.8	23.0
20	22.5	22.0	20.3	19.8	19.8	21.6	21.4	24.7	27.9	25.7	24.2	23.0
25	22.2	21.8	20.4	19.9	20.6	20.6	22.2	26.2	27.8	25.6	24.6	22.6
Eom	22.3	21.3	20.0	19.8	20.2	20.6	22.2	27.2	28.0	25.3	24.4	22.9
1972												
5	+22.6	+24.0	+24.1	+23.8	+24.5	+22.6	+24.5	+25.4	+27.9	+28.1	+24.7	+23.4
10	22.3	23.8	24.1	23.5	24.5	23.6	24.3	26.0	28.6	27.7	24.5	22.2
15	21.8	24.3	23.7	23.9	22.7	24.0	24.9	26.3	29.0	27.4	25.0	22.3
20	22.0	24.4	23.8	23.8	23.6	23.9	24.6	26.5	28.9	27.0	24.6	21.3
25	22.9	24.1	23.8	24.5	22.7	23.3	25.1	26.6	27.9	26.5	24.2	22.3
Eom	23.9	24.1	23.8	24.3	22.7	23.8	25.5	26.3	29.2	24.3	24.0	19.8
1973												
5	+21.4	+21.8	+20.7	+21.2	+20.3	+20.6	+22.2	+25.0	+26.3	+28.2	+26.2	+25.0
10	21.5	21.4	19.2	21.4	21.0	22.0	21.8	25.3	26.2	27.2	26.1	24.9
15	21.9	22.2	20.7	21.4	20.5	21.5	22.8	25.8	27.2	27.8	26.2	24.8
20	21.0	21.4	21.1	21.2	21.0	21.0	22.2	25.4	27.7	27.8	25.7	24.7
25	21.0	20.8	21.0	21.6	21.0	22.2	24.3	25.9	26.8	27.0	25.5	24.3
Eom	19.8	21.7	21.0	21.8	20.8	22.0	24.7	25.9	28.2	26.4	25.3	24.0
1974												
5	+24.0	+23.0	+22.0	+21.7	+21.6	+22.0	+24.0	+25.5	+24.2	+26.2	+26.6	+23.5
10	23.5	22.8	22.2	21.6	20.0	23.5	24.2	25.9	24.8	26.2	26.0	23.0
15	23.7	22.8	22.0	21.5	20.5	23.5	24.8	26.3	25.0	27.7	26.4	22.8
20	23.6	22.4	22.0	21.2	21.2	23.5	24.3	26.0	25.7	27.7	24.5	22.6
25	22.6	22.4	22.2	21.6	22.5	22.5	24.4	27.3	23.7	26.9	23.3	22.9
Eom	23.0	22.6	21.8	21.6	21.0	24.0	23.9	24.0	26.2	26.5	23.7	e22.5

e Estimated.

405328111524501. Local number (A-2-1)19dbc-1. State claim 1447. Bountiful City Corp. Drilled municipal artesian well in alluvium, diam 12 to 8 in (30 to 20 cm), depth 380 ft (116 m), cased to 380 ft (116 m). Lsd 4,367.8 ft (1,331.3 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 57.12 ft (17.41 m) below lsd, May 31, 1938; lowest 98.77 ft (30.11 m) below lsd, Oct. 20, 1961. Records available: 1937-74.

Date	Water level						
Mar. 1, 1971	77.98	Mar. 2, 1972	73.30	Mar. 1, 1973	77.75	Mar. 1, 1974	71.25
Sept. 27	65.88	Sept. 18	74.31	Sept. 12	64.12	Sept. 24	62.85

405312111540801. Local number (B-2-1)24bad-3. State claim 2677. Clyde Jeppson. Jetted irrigation artesian well in alluvium, diam 3 in (7.6 cm), depth 386 ft (118 m), cased to 386 ft (118 m). Lsd 4,247.6 ft (1,294.7 m) above msl. MP top of ell, 1.00 ft (0.30 m) above lsd. Highest water level 51.5 ft (15.7 m) above lsd, June 6, 1949, May 12, 13, 1950; lowest 15.0 ft (4.6 m) above lsd, Nov. 20, 1961. Records available: 1945-71. Well leaking around casing; measurement discontinued May 1971.

Highest water level for the day, above lsd, from recorder graph, 1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	+40.2	....	+39.3	+36.9	....	....	....	....	....	....	....
10	+40.1	40.2	+39.7	39.2	....	....	....	....	....	....	....	....
15	39.8	40.1	39.4	39.0	....	....	....	....	....	....	....	....
20	39.6	39.8	....	38.2	....	....	....	....	....	....	....	....
25	40.3	40.1	39.4	37.7	....	....	....	....	....	....	....	....
Eom	40.3	39.8	39.5	38.4	....	....	....	....	....	....	....	....

40530211154401. Local number (B-2-1)26aad-1. State claim 3656. N. L. Starrs. Jetted domestic artesian well in alluvium, diam 3 in (7.6 cm), depth 250 ft (76 m), cased to 250 ft (76 m). Lsd 4,243.4 ft (1,293.4 m) above msl. MP top of reducer, 1.40 ft (0.43 m) above lsd. Highest water level 51.5 ft (15.7 m) above lsd, Jan. 1, 1943; lowest 13.2 ft (4.0 m) above lsd, Oct. 20, 1961. Records available: 1936-74.

Date	Water level						
Mar. 1, 1971	+39.7	Mar. 2, 1972	+40.4	Mar. 1, 1973	+39.1	Mar. 1, 1974	+41.2
Sept. 27	38.8	Sept. 18	39.5	Sept. 12	42.2	Sept. 24	42.4

Layton District

410007111555801. Local number (B-3-1)15aab-1. State claim 8156. Haight's Bench Irrigation Co. Drilled unused artesian well in alluvium, diam 12 to 8 in (30 to 20 cm), depth 720 ft (219 m), cased to 635 ft (194 m). Lsd 4,282.9 ft (1,305.4 m) above msl. MP top of casing, 1.20 ft (0.37 m) above lsd. Highest water level 11.51 ft (3.51 m) below lsd, Dec. 15, 1965; lowest 16.35 ft (4.98 m) below lsd, Dec. 11, 1935. Records available: 1935-74. Mar. 1, 1971, 13.24; Sept. 29, 13.70; Mar. 2, 1972, 12.27; Sept. 18, 12.48; Mar. 1, 1973, 11.96; Sept. 12, 12.30; Mar. 1, 1974, 11.68.

410738112072201. Local number (B-5-3)36ada-1. State claim 3074. Mary Stoddard. Jetted irrigation artesian well in alluvium, diam 3 in (7.6 cm), depth 460 ft (140 m), cased to 460 ft (140 m), perforated 360-380 ft (110-116 m), 430-450 ft (131-137 m). Lsd 4,227.02 ft (1,288.40 m) above msl. MP top of tee, 1.00 ft (0.30 m) above lsd. Highest water level 37.7 ft (11.5 m) above lsd, May 26, 1953, Mar. 9, 1954; lowest 12.3 ft (3.8 m) above lsd, Aug. 10, 1965. Records available: 1935-74. Mar. 3, 1971, +20.5; Mar. 3, 1972, +21.7; Mar. 2, 1973, +20.5; Mar. 1, 1974, +21.8.

Duchesne County

Uinta Basin

(For other wells in this basin see Uintah County)

402401110061201. Local number U(C-1-2)15bbc-1. State claim 2152. R. M. Clark. Driven domestic and stock artesian well in alluvium, diam 3/4 in (1.9 cm), depth 138 ft (42 m), cased to 138 ft (42 m). Lsd 5,795± ft (1,766± m) above msl. MP top of tee, 1.30 ft (0.40 m) above lsd. Highest water level 14.7 ft (4.5 m) above lsd, Sept. 2, 1971; lowest 8.8 ft (2.7 m) above lsd, Apr. 30, 1962. Records available: 1935-55, 1957-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 9, 1971	+11.6	Mar. 2, 1972	+12.6	Mar. 21, 1973	+12.9	Mar. 21, 1974	+12.0
Sept. 2	14.7	Aug. 1	13.3	Aug. 31	13.8	June 18	12.7

402138110131601. Local number U(C-1-3)28ddcd-1. D. H. Allred. Drilled unused artesian well in alluvium, diam 5 in (13 cm), depth 30 ft (9 m), cased. Lsd 6,230± ft (1,899± m) above msl. MP top of casing, 1.30 ft (0.40 m) above lsd. Highest water level 4.38 ft (1.34 m) below lsd, Aug. 19, 1965; lowest 9.52 ft (2.90 m) below lsd, Sept. 23, 1940. Records available: 1939-71. Well plugged; measurement discontinued. Mar. 9, 1971, 7.00.

401532110135801. Local number U(C-2-3)33cccd-1. Eldon B. Thompson. Drilled stock artesian well in alluvium, diam 2 in (5.1 cm), depth 200 ft (61 m), cased to 200 ft (61 m). Lsd 5,595± ft (1,705± m) above msl. MP top of well, 1.50 ft (0.46 m) above lsd. Highest water level 6.35 ft (1.94 m) above lsd, Sept. 6, 1939; lowest 1.38 ft (0.42 m) above lsd, Aug. 1, 1972. Records available: 1939-55, 1957-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 9, 1971	+1.65	Aug. 1, 1972	+1.38	Apr. 25, 1973	+2.11	Mar. 21, 1974	+1.97
Sept. 2	1.57	Oct. 18	1.81	June 13	2.48	June 18	2.18
Mar. 14, 1972	3.81	Mar. 21, 1973	2.08	Aug. 15	2.90	Aug. 19	2.15

Garfield County

East Sevier Valley

(For other wells in this valley see Piute, Sanpete, and Sevier Counties)

375000111592001. Local number (C-34-2)22dab-1. State claim 873. State of Utah. Drilled unused artesian well in sandstone, diam 6 in (15 cm), depth 339 ft (103 m), cased to 198 ft (60 m). Lsd 7,621.2 ft (2,321.0 m) above msl. MP top of casing, 1.50 ft (0.46 m) above lsd. Highest water level 149.63 ft (45.21 m) below lsd, Dec. 9, 1949; lowest 222.10 ft (67.70 m) below lsd, Dec. 20, 1957. Records available: 1947-74. Apr. 7, 1971, 168.81; Oct. 4, 171.00; Mar. 2, 1972, 170.02; Oct. 5, 172.62; Oct. 1, 1973, 172.02; Mar. 20, 1974, 168.37; Oct. 10, 171.87.

374205112091501. Local number (C-36-3)6dba-1. State application 16993. Federal Aviation Agency. Drilled domestic artesian well in alluvium, diam 6 in (15 cm), depth 123 ft (37 m), cased to 123 ft (37 m). Lsd 7,580± ft (2,310± m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 22.20 ft (6.77 m) below lsd, Nov. 8, 1949; lowest 62.70 ft (19.11 m) below lsd, Mar. 25, 1947. Records available: 1946-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 3, 1971	33.86	Mar. 2, 1972	34.08	Apr. 5, 1973	45.02	Mar. 19, 1974	38.94
Oct. 4	43.52	Oct. 5	46.98	Oct. 3	44.20	Oct. 8	44.19

Upper Sevier Valley

(For other wells in this valley see Piute, Sanpete, and Sevier Counties)

380005112225001. Local number (C-32-5)26aca-1. State claim 13307. Vera Perkins. Dug domestic water-table well in alluvium, diam 36 in (91 cm), depth 20 ft (6 m), open hole. Lsd 6,360 ft (1,939 m) above msl. MP top of casing, 5.00 ft (1.52 m) above lsd. Highest water level 8.61 ft (2.62 m) below lsd, July 28, 1962; lowest 16.58 ft (5.05 m) below lsd, Mar. 22, 1961. Records available: 1951-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 12, 1971	14.08	Mar. 1, 1972	14.27	Mar. 2, 1973	10.84	Mar. 18, 1974	12.89
Oct. 4	10.64	Oct. 5	11.51	Oct. 2	10.07	Oct. 7	14.16

375445112254501. Local number (C-33-5)28bcd-1. State application 11739. Annie Wilcock. Drilled domestic artesian well in alluvium, diam 6 in (15 cm), depth 200 ft (61 m), cased to 200 ft (61 m), perforated 183-190 ft (56-58 m). Lsd 6,501.80 ft (1,981.75 m) above ms1. MP concrete floor, 6.20 ft (1.89 m) below lsd. Highest water level 36.90 ft (11.25 m) below lsd, Aug. 2, 1938; lowest 54.48 ft (16.61 m) below lsd, Mar. 6, 1968. Records available: 1937-73. No measurement made in 1974. Mar. 2, 1971, 47.60; Oct. 4, 44.79; Mar. 1, 1972, 46.39; Oct. 5, 49.04; Mar. 2, 1973, 49.04.

375235112245501. Local number (C-34-5)4ddd-1. John Yardley. Dug stock water-table well in alluvium, diam 36 in (91 cm), depth 21 ft (6 m), cribbed with rock. Lsd 6,543 ft (1,994 m) above ms1. MP top of well cribbing, 2.00 ft (0.61 m) above lsd. Highest water level 2.58 ft (0.79 m) below lsd, Oct. 7, 1969; lowest 20.59 ft (6.28 m) below lsd, Apr. 7, 1964. Records available: 1951-54, 1956-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 2, 1971	11.84	Mar. 1, 1972	13.53	Mar. 2, 1973	16.82	Mar. 19, 1974	12.76
Oct. 4	6.12	Oct. 5	6.73	Oct. 2	5.25	Oct. 7	12.10

375210112261501. Local number (C-34-5)8adb-2. D. W. Woodard. Driven unused artesian well in alluvium, diam 5 in (13 cm), depth 93 ft (28 m), cased to 93 ft (28 m), perforated 77-93 ft (23-28 m). Lsd 6,535.30 ft (1,991.96 m) above ms1. MP top of casing, 4.70 ft (1.43 m) below lsd. Highest water level 9.40 ft (2.87 m) below lsd, Sept. 5, 1942; lowest 20.66 ft (6.30 m) below lsd, Mar. 19, 1965. Records available: 1935-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 2, 1971	18.35	Mar. 1, 1972	14.68	Mar. 2, 1973	15.20	Mar. 19, 1974	13.58
Oct. 4	14.59	Oct. 5	15.04	Oct. 2	10.15	Oct. 7	11.90

Grand County

Colorado River Area - Courthouse Syncline

385120109174401. Local number (D-22-24)29cbc-1. State application 13068. U.S. Bureau of Land Management. Drilled unused water-table well in Morrison Formation, diam 8 in (20 cm), depth 160 ft (49 m), cased to 30 ft (9 m). Lsd 4,155 ft (1,266 m) above ms1. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 16.80 ft (5.12 m) below lsd, Mar. 31, 1949; lowest 29.44 ft (8.97 m) below lsd, Sept. 25, 1970. Records available: 1946-54, 1956-74. Feb. 23, 1971, 25.62; Sept. 24, 26.70; Mar. 10, 1972, 25.70; Mar. 12, 1973, 24.15; Sept. 10, 27.90; Mar. 7, 1974, 25.17.

384251109420101. Local number (D-24-20)22bac-2. State application 13068. U.S. Bureau of Land Management. Drilled unused artesian well in alluvium, diam 8 $\frac{1}{4}$ in (21 cm), depth 70 ft (21 m), cased to 62 ft (19 m), perforated at 46 ft (14 m). Lsd 4,410 ft (1,344 m) above ms1. MP top of casing, 2.50 ft (0.76 m) below lsd. Highest water level 11.73 ft (3.58 m) below lsd, Mar. 8, 1973; lowest 15.04 ft (4.58 m) below lsd, Sept. 14, 1972. Records available: 1971-74. Replaces well (D-24-20)22bac-1. Sept. 23, 1971, 14.91; Mar. 15, 1972, 14.70; Sept. 14, 15.04; Mar. 8, 1973, 11.73; Sept. 10, 11.96; Mar. 13, 1974, 12.07; Sept. 24, 13.11.

Iron County

Cedar City Valley

374521113C14801. Local number (C-34-11)9cdcc-1. D. C. Evans. Jetted unused water-table well in alluvium, diam 4 in (10 cm), depth 61 ft (19 m), casing information not available. Lsd 5,402.32 ft (1,646.63 m) above ms1. MP top of casing, 0.80 ft (0.24 m) above lsd. Highest water level 21.31 ft (6.56 m) below lsd, June 17, 1938; lowest 23.50 ft (7.16 m) below lsd, Oct. 4, 1973. Records available: 1938-74. Mar. 8, 1971, 22.70; Sept. 30, 23.34; Mar. 8, 1972, 22.82; Oct. 4, 23.42; Oct. 4, 1973, 23.50; Mar. 7, 1974, 22.88; Oct. 22, 23.13.

375139113062001. Local number (C-35-10)18cbb-1. Parson Webster. Drilled unused water-table well in alluvium, diam 10 in (25 cm), depth 112 ft (34 m), casing information not available. Lsd 5,550.22 ft (1,691.71 m) above ms1. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 41.95 ft (12.79 m) below lsd, Mar. 22, 1943; lowest dry at 105 ft (32 m) below lsd, July 28, Aug. 25, 1964; July 28, 1965. Records available: 1937-74. Mar. 8, 1971, 79.10; Mar. 8, 1972, 88.60; Mar. 15, 1973, 82.50; Oct. 5, 97.70; Mar. 7, 1974, 75.98.

374545113063601. Local number (C-35-11)8cdcc-1. State claim 13703. Charles L. Corry. Drilled unused artesian well in alluvium, diam 6 in (15 cm), depth 130 ft (40 m), cased to 130 ft (40 m), perforated 115-130 ft (35-40 m). Lsd 5,489.5 ft (1,673.2 m) above ms1. MP top of casing, 1.20 ft (0.37 m) above lsd. Highest water level 8.26 ft (2.52 m) below lsd, Mar. 23, 1943; lowest 40.85 ft (12.45 m) below lsd, Sept. 27, 1966. Records available: 1937-71. Measurement discontinued. Mar. 8, 1971, 22.44.

374345113043101. Local number (C-35-11)27acc-1. State claim 382. Fernleigh Gardner. Drilled irrigation artesian well in coarse gravel, diam 12 in (30 cm), depth 114 ft (35 m), cased to 113 ft (34 m), perforated 47-54 ft (14-16 m), 74-76 ft (22.6-23.2 m), 89-113 ft (27-34 m). Lsd 5,553.00 ft (1,692.55 m) above ms1. MP hole in pumbase, at lsd. Highest water level 30.24 ft (9.22 m) below lsd, June 25, 1942; lowest 79.22 ft (24.15 m) below lsd, Sept. 27, 1966. Records available: 1931-72. Measurement discontinued. Mar. 8, 1971, 57.59; Sept. 30, 67.83; Mar. 8, 1972, 61.17; Oct. 4, 73.09.

374251113074102. Local number (C-35-11)3laed-3. State claim 13498-R. Kimball Jenson. Drill-ed irrigation artesian well in alluvium, diam 12 in (30 cm), depth 472 ft (144 m), cased to 472 ft (144 m). Lsd 5,533 ft (1,686 m) above msl. MP bottom of pumpbase, at lsd. Highest water level 29.24 ft (8.91 m) below lsd, Apr. 2, 1952; lowest 70.51 ft (21.49 m) below lsd, Sept. 27, 1966. Records available: 1951-54, 1956-58, 1966-67, 1969-74. Mar. 8, 1971, 42.35; Mar. 8, 1972, 42.59; Oct. 4, 68.06; Mar. 15, 1973, 42.85; Mar. 11, 1974, 32.51; Oct. 10, 58.59.

374228113110401. Local number (C-35-12)34dcd-2. R. J. and W. M. Shay. Drilled irrigation artesian well in alluvium, diam 14 in (36 cm), depth 144 ft (44 m), cased to 144 ft (44 m), perforated 72-144 ft (22-44 m). Lsd 5,485.38 ft (1,671.94 m) above msl. MP slot in casing, northwest side, at lsd. Highest water level 21.08 ft (6.43 m) below lsd, Mar. 15, 1960; lowest 38.60 ft (11.77 m) below lsd, Oct. 4, 1972. Records available: 1959-74. Replaces well (C-35-12)34dcd.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 21, 1959	26.93	Oct. 2, 1962	26.12	Mar. 8, 1967	27.98	Sept. 30, 1971	31.50
Dec. 8	21.53	Mar. 25, 1963	23.83	Mar. 7, 1968	27.75	Mar. 9, 1972	31.50
Mar. 15, 1960	21.08	Oct. 10	26.76	Oct. 8	29.45	Oct. 1	38.60
Oct. 31	22.00	Mar. 19, 1964	24.98	Mar. 17, 1969	28.10	Mar. 14, 1973	30.12
Dec. 2	22.70	Nov. 2	27.92	Mar. 10, 1970	27.85	Oct. 5	32.60
Apr. 4, 1961	22.06	Mar. 19, 1965	26.48	Oct. 8	30.26	Mar. 7, 1974	30.46
Oct. 16	23.76	Nov. 5	29.33	Mar. 11, 1971	28.90	Oct. 10	34.68
Mar. 20, 1962	23.10	Mar. 7, 1966	26.91				

374104113084801. Local number (C-36-12)12dba-1. State claim 15411. Branch Agricultural College. Drilled irrigation artesian well in alluvium, diam 10 to 8 in (25 to 20 cm), depth 600 ft (183 m), cased to 600 ft (183 m), perforated 200-600 ft (61-183 m). Lsd 5,510.03 ft (1,679.46 m) above msl. MP top of casing, 2.30 ft (0.70 m) above msl. Highest water level 10.35 ft (3.15 m) below lsd, May 23, 1943; lowest 57.26 ft (17.45 m) below lsd, Sept. 27, 1966. Records available: 1936-74; Mar. 10, 1971, 31.30; Mar. 9, 1972, 31.89; Oct. 4, 50.55; Mar. 14, 1973, 32.22; Oct. 5, 37.30; Mar. 11, 1974, 25.45; Oct. 8, 52.33.

373114113114601. Local number (C-38-12)3bcb-1. State application 12845. Ford & Williams. Drilled irrigation water-table well in alluvium, diam 12 in (30 cm), depth 210 ft (64 m), cased to 210 ft (64 m). Lsd 5,481.65 ft (1,670.81 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 65.08 ft (19.84 m) below lsd, Dec. 8, 1945; lowest 78.84 ft (24.03 m) below lsd, Oct. 10, 1963. Records available: 1937-72. Measurement discontinued. Mar. 11, 1971, 73.65; Oct. 4, 73.29; Mar. 9, 1972, 72.64; Oct. 4, 73.60.

Escalante Valley

(For other wells in this valley see Beaver and Washington Counties)

374838113402401. Local number (C-34-16)29ccc-1. State application 16524. Monte Miller. Drilled irrigation water-table well in alluvium, diam 14 in (36 cm), depth 203 ft (62 m), cased to 203 ft (62 m). Lsd 5,141.4 ft (1,567.1 m) above msl. MP hole in pumpbase, 1.50 ft (0.46 m) above lsd. Highest water level 9.85 ft (3.00 m) below lsd, Dec. 9, 1949; lowest 30.53 ft (9.31 m) below lsd, Mar. 27, 1973. Records available: 1949-74. Mar. 4, 1971, 26.81; Mar. 8, 1972, 27.52; Mar. 27, 1973, 30.53; Mar. 7, 1974, 30.15.

374651113305501. Local number (C-35-15)3dcc-2. State claim 3788. E. J. Graff. Drilled irrigation artesian well in alluvium, diam 16 in (41 cm), depth 350 ft (107 m), cased to 350 ft (107 m), perforated 60-136 ft (18-41 m), 260-280 ft (79-85 m), 285-308 ft (87-94 m). Lsd 5,138.37 ft (1,566.18 m) above msl. MP hole in casing, at lsd. Highest water level 10.60 ft (3.23 m) below lsd, Apr. 19, 1949; lowest (revised), 33.63 ft (10.25 m) below lsd, Oct. 4, 1971. Records available: 1936-74. The 1970 measurements of 32.95 ft and dry, published in WSP 1980, were in error; the correct measurements for 1970 are included in the table below.

Mar. 12, 1970	27.14	Oct. 4, 1971	33.63	Mar. 5, 1973	30.15	Mar. 6, 1974	26.36
Oct. 5	32.29	Mar. 8, 1972	29.85	Oct. 5	25.53	Oct. 7	32.04
Mar. 4, 1971	28.64	Oct. 11	32.21				

374648113342401. Local number (C-35-15)6ddd-1. Frank Bridel. Drilled unused water-table well in alluvium, diam 12 in (30 cm), depth 170 ft (52 m), Colorado casing. Lsd 5,139.0 ft (1,566.4 m) above msl. MP top of casing, 2.00 ft (0.61 m) above lsd. Highest water level 11.40 ft (3.47 m) below lsd, May 23, 1937; lowest 35.20 ft (10.73 m) below lsd, Oct. 7, 1974. Records available: 1936-74.

Mar. 4, 1971	32.66	Mar. 8, 1972	33.48	Mar. 27, 1973	34.50	Mar. 6, 1974	34.72
Oct. 4	33.18	Oct. 11	34.09	Oct. 5	34.67	Oct. 7	35.20

3745071133114801. Local number (C-35-15)16ddd-1. State application 12838. Kumen Jones. Drill-ed irrigation water-table well in alluvium, diam 16 in (41 cm), depth 315 ft (96 m), cased to 315 ft (96 m), perforated 50-252 ft (15-77 m). Lsd 5,156.3 ft (1,571.6 m) above msl. MP hole in casing, 0.50 ft (0.15 m) above lsd. Highest water level 23.96 ft (7.30 m) below lsd, Mar. 28, 1950; lowest 44.63 ft (13.60 m) below lsd, Mar. 5, 1973. Records available: 1949-74. Mar. 4, 1971, 41.68; Mar. 8, 1972, 42.98; Mar. 5, 1973, 44.63; Mar. 6, 1974, 41.50.

374505113360601. Local number (C-35-16)14ddc-1. John McGary. Drilled irrigation water-table well in alluvium, diam 14 in (36 cm), depth 100 ft (30 m), cased to 100 ft (30 m), perforated 30-35 ft (9-11 m), 47-54 ft (14-16 m), 71-78 ft (22-24 m), 82-93 ft (25-28 m). Lsd 5,155.19 ft (1,571.30 m) above msl. MP hole in pumpbase, 0.60 ft (0.18 m) above lsd. Highest water level 20.63 ft (6.29 m) below lsd, Dec. 10, 1949; lowest 58.27 ft (17.76 m) below lsd, Oct. 7, 1974. Records available: 1948-74.

Mar. 4, 1971	51.74	Mar. 8, 1972	52.97	Mar. 5, 1973	54.55	Mar. 7, 1974	55.33
Oct. 5	53.80	Oct. 11	55.81	Oct. 5	56.88	Oct. 7	58.27

374536113390601. Local number (C-35-16)16bbc-1. State application 16835. Marion Beckstrom. Drilled irrigation water-table well in alluvium, diam 14 in (36 cm), depth 174 ft (53 m), cased to 174 ft (53 m), perforated 50-174 ft (15-53 m). Lsd 5,154.45 ft (1,571.08 m) above msl. MP hole in casing, 1.50 ft (0.46 m) above lsd. Highest water level 20.85 ft (6.36 m) below lsd, Mar., 26, 1950; lowest 62.01 ft (18.90 m) below lsd, Oct. 7, 1974. Records available: 1947, 1949-53, 1955-74.

Date	Water level						
Mar. 4, 1971	50.01	Mar. 8, 1972	52.18	Mar. 5, 1973	55.18	Mar. 7, 1974	54.28
Oct. 5	56.54	Oct. 11	57.70	Oct. 5	58.70	Oct. 7	62.01

374329113390501. Local number (C-35-16)28bdc-1. State application 15771. Bruno Biasi. Drill-ed irrigation water-table well in alluvium, diam 18 in (46 cm), depth 200 ft (61 m), cased to 200 ft (61 m). Lsd 5,167.07 ft (1,574.92 m) above msl. MP bottom of 2-in (5.1-cm) pipe leading into well, 1.00 ft (0.30 m) above lsd. Highest water level 27.45 ft (8.37 m) below lsd, Dec., 8, 1948; lowest 79.18 ft (24.13 m) below lsd, Oct. 5, 1973. Records available: 1948-63, 1965-74.

Date	Water level						
Mar. 4, 1971	63.30	Mar. 8, 1972	65.05	Mar. 5, 1973	66.77	Mar. 7, 1974	67.47
Oct. 5	70.57	Oct. 11	72.21	Oct. 5	79.18	Oct. 7	79.07

374324113410401. Local number (C-35-16)3labc-1. State application a2109. C. E. Mitchell. Drilled irrigation water-table well in alluvium, diam 16 in (41 cm), depth 162 ft (49 m), cased to 162 ft (49 m), perforated 41-162 ft (13-49 m). Lsd 5,178 ft (1,578 m) above msl. MP hole in pump-base, at lsd. Highest water level 36.36 ft (11.08 m) below lsd, Apr. 21, 1949; lowest 86.13 ft (26.25 m) below lsd, Oct. 8, 1974. Records available: 1948-74.

Date	Water level						
Mar. 4, 1971	72.54	Mar. 8, 1972	74.04	Mar. 5, 1973	76.19	Mar. 7, 1974	76.22
Oct. 5	80.49	Oct. 11	81.70	Oct. 4	82.73	Oct. 8	86.13

374639113483801. Local number (C-35-17)3ccc-1. State application 17133. Milt Sevy. Drilled irrigation water-table well in alluvium, diam 14 in (36 cm), depth 240 ft (73 m), cased to 240 ft (73 m). Lsd 5,190.2 ft (1,582.0 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 46.64 ft (14.22 m) below lsd, Apr. 20, 1949; lowest 69.98 ft (21.33 m) below lsd, Oct. 7, 1974. Records available: 1949-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 4, 1971	65.02	Mar. 8, 1972	66.02	Mar. 27, 1973	67.00	Mar. 7, 1974	67.74
Oct. 5	65.90	Oct. 10	68.05	Oct. 11	68.68	Oct. 7	69.98

374524113421501. Local number (C-35-17)13bdc-1. State claim 14228. Austin D. Moyle. Drilled unused water-table well in alluvium, diam 16 in (41 cm), depth 100 ft (30 m), cased, perforated 26-35 ft (8-11 m), 60-70 ft (18-21 m), 90-100 ft (27-30 m). Lsd 5,164.8 ft (1,574.2 m) above msl. MP top of railroad tie over well, at lsd. Highest water level 25.99 ft (7.92 m) below lsd, Apr. 16, 1938; lowest 70.14 ft (21.38 m) below lsd, May 20, 1969. Records available: 1937-42, 1949-74.

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	59.54	.....	58.27	58.20	61.15	63.48	64.72	65.66	66.65	65.90	63.48	62.49
10	58.21	59.08	60.90	63.81	64.95	65.99	66.47	65.12	63.27	62.35
15	58.32	58.79	61.66	63.80	65.19	66.28	66.44	64.82	63.07	62.26
20	58.20	59.42	62.18	64.32	65.07	66.23	66.43	64.48	62.91	62.14
25	58.34	58.06	60.20	62.56	64.57	65.17	66.13	65.92	64.09	62.77
Eom	58.33	58.01	60.51	63.10	64.46	65.97	66.34	65.91	63.73	62.62

1972

5	61.85	61.27	60.87	.....	61.48	65.10	66.83	68.45	68.83	67.65	65.43	64.43
10	61.72	61.21	60.77	.....	62.42	65.73	66.89	68.60	68.80	67.12	65.21	.....
15	61.67	61.14	60.71	.....	63.22	66.16	67.43	68.63	68.65	66.68	65.05	.....
20	61.56	61.07	60.62	.....	63.75	66.43	67.24	68.71	68.82	66.27	64.88	64.10
25	61.43	60.98	60.52	.....	63.95	66.63	67.99	68.87	68.82	65.95	64.74	64.02
Eom	61.33	60.90	.....	61.20	64.04	66.52	68.23	68.91	68.80	65.63	64.58	63.82

1973

5	63.76	62.18	62.31	64.54	66.65	68.20	68.08	66.62	64.78	64.03
10	62.14	62.26	64.10	65.32	67.79	67.52	65.93	64.58	63.91
15	62.08	63.37	65.69	67.57	67.35	67.37	65.61	64.39	63.84
20	62.84	63.99	65.82	67.82	67.68	67.20	65.31	64.19	63.73
25	62.67	64.38	66.38	67.74	68.14	66.83	65.13	63.63	.....
Eom	62.25	62.56	64.77	66.80	68.00	67.93	67.34	65.00	.....	e63.6

1974

5	e63.5	62.99	62.60	62.34	64.78	67.57	68.48	68.88	69.74	68.96	67.20	e66.70
10	e63.4	62.96	62.58	62.43	65.30	67.05	68.69	68.97	69.87	68.39	67.20	e66.60
15	e62.27	62.87	62.52	62.51	64.91	67.65	68.88	69.02	69.97	68.12	e67.10	e66.50
20	63.21	62.82	62.46	63.30	64.95	67.56	68.61	69.15	69.60	67.87	e67.00	66.32
25	63.11	62.72	62.46	63.67	65.29	67.77	68.94	69.40	69.76	67.61	e66.90	e66.20
Eom	63.05	62.69	e62.4	e63.7	e66.0	68.23	68.73	69.58	69.67	67.40	e66.80	e66.10

e Estimated.

374231113414801. Local number (C-35-17)36dcc-1. State application 16425. Marion Crosier. Drilled irrigation water-table well in alluvium, diam 16 in (41 cm), depth 200 ft (61 m), cased to 200 ft (61 m). Lsd 5,190.5 ft (1,582.1 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 49.73 ft (15.16 m) below lsd, Apr. 21, 1949; lowest 98.06 ft (29.89 m) below lsd, Oct. 8, 1974. Records available: 1948-63, 1965-74.

374231113414801--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 5, 1971	85.42	Mar. 9, 1972	86.68	Mar. 27, 1973	88.78	Mar. 5, 1974	88.70
Oct. 5	90.93	Oct. 11	92.50	Oct. 11	93.20	Oct. 5	98.05

373954113350601. Local number (C-36-15)19ccc-1. State applications a2101 and a2085. Alonso Christensen. Drilled irrigation water-table well in alluvium, diam 16 in (41 cm), depth 217 ft (66 m), cased to 217 ft (66 m), perforated 82-84 ft (25-26 m), 100-124 ft (30-38 m), 128-136 ft (35-41 m), 110-146 ft (43-45 m), 149-180 ft (45-56 m). Lsd 5,233.2 ft (1,595.1 m) above msl. MP hole in casing, 1.00 ft (0.30 m) above lsd. Highest water level 75.30 ft (22.95 m) below lsd, Mar. 12, 1948; lowest 124.16 ft (37.94 m) below lsd, Oct. 7, 1974. Records available: 1947-74.

Mar. 4, 1971	112.20	Mar. 8, 1972	115.45	Mar. 27, 1973	116.65	Mar. 5, 1974	122.53
Oct. 4	118.45	Oct. 11	120.65	Oct. 5	119.40	Oct. 7	124.16

374155113371201. Local number (C-36-16)3ada-1. State application 14709. Coons Estate. Drilled irrigation water-table well in alluvium, diam 12 in (30 cm), depth 115 ft (35 m), cased to 115 ft (35 m). Lsd 5,178.2 ft (1,578.3 m) above msl. MP hole in pumpbase, at lsd. Highest water level 34.12 ft (10.40 m) below lsd, Mar. 12, 1948; lowest 83.58 ft (25.48 m) below lsd, Oct. 7, 1974. Records available: 1947-74.

Mar. 4, 1971	75.37	Mar. 8, 1972	77.94	Mar. 5, 1973	78.68	Mar. 5, 1974	79.42
Oct. 5	83.08	Oct. 11	79.89	Oct. 5	82.50	Oct. 7	83.58

374012113391201. Local number (C-36-16)9bcd-1. State application 16253. Wilson Scott. Drilled irrigation water-table well in alluvium, diam 14 in (36 cm), depth 272 ft (83 m), cased to 272 ft (83 m). Lsd 5,196.38 ft (1,583.85 m) above msl. MP hole in casing, at lsd. Highest water level 51.30 ft (15.64 m) below lsd, Apr. 21, 1949; lowest 108.80 ft (33.16 m) below lsd, Oct. 8, 1974. Records available: 1948-74. Mar. 5, 1971, 93.11; Oct. 4, 101.68; Mar. 10, 1972, 93.95; Oct. 11, 100.68; Mar. 5, 1973, 95.75; Mar. 5, 1974, 95.82; Oct. 8, 108.80.

373851113411801. Local number (C-36-16)19abb-1. State application 15511. T. W. Jones. Drilled irrigation water-table well in alluvium, diam 16 in (41 cm), depth 352 ft (107 m), cased to 352 ft (107 m), perforated 95-332 ft (29-101 m). Lsd 5,226.3 ft (1,593.0 m) above msl. MP hole in casing, 0.50 ft (0.15 m) above lsd. Highest water level 73.90 ft (22.52 m) below lsd, June 1, 1948; lowest 137.68 ft (41.96 m) below lsd, Oct. 8, 1974. Records available: 1945-74.

Mar. 5, 1971	122.98	Mar. 10, 1972	125.02	Mar. 27, 1973	129.80	Mar. 5, 1974	126.0
Oct. 4	134.60	Oct. 11	131.75	Oct. 11	132.83	Oct. 8	137.68

373709113384301. Local number (C-36-16)27cdc-1. State application 14642-a. W. H. Leigh. Drilled unused water-table well in alluvium, diam 16 in (41 cm), depth 344 ft (105 m), cased to 344 ft (105 m). Lsd 5,281.08 ft (1,609.67 m) above msl. MP top of casing, at lsd. Highest water level 134.57 ft (41.02 m) below lsd, June 14, 1950; lowest 185.69 ft (56.60 m) below lsd, Oct. 8, 1974. Records available: 1950-74. Mar. 5, 1971, 176.24; Oct. 4, 180.15; Mar. 10, 1972, 177.69; Oct. 11, 182.33; Mar. 27, 1973, 179.49; Mar. 8, 1974, 179.60; Oct. 8, 185.69.

Parowan Valley

380330112421201. Local number (C-32-8)lada-1. Iron County. Drilled stock water-table well in alluvium, diam 6 in (15 cm), depth and casing information not available. Lsd 5,746.6 ft (1,751.6 m) above msl. MP hole in casing, 1.50 ft (0.46 m) above lsd. Highest water level 47.80 ft (14.57 m) below lsd, Mar. 20, 1951; lowest dry, Mar. 6, 1973. Records available: 1939-73. Measurement discontinued. Mar. 10, 1971, 51.55; Oct. 1, 53.94; Mar. 8, 1972, 52.96; Mar. 6, 1973, dry.

375300112511501. Local number (C-33-9)34cbd-2. State claim 5694. Dee Robinson. Drilled unused artesian well in alluvium, diam 4 to 2 in (10 to 5.1 cm), depth 500 ft (152 m), cased to 500 ft (152 m), perforated 117-300 ft (36-91 m). Lsd 5,736.5 ft (1,748.5 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 17.65 ft (5.38 m) below lsd, Mar. 14, 1943; lowest 57.34 ft (17.48 m) below lsd, Aug. 30, 1953. Records available: 1935-74. Mar. 10, 1971, 27.40; Mar. 6, 1972, 29.29; Mar. 21, 1973, 29.76; Mar. 8, 1974, 25.65.

375257112485501. Local number (C-33-9)36cd-1. State claim 494. Hugh L. Adams. Drilled irrigation artesian well in alluvium, diam 60 to 4 in (152 to 10 cm), depth 199 ft (152 m), cased to 490 ft (149 m), perforated 75-490 ft (23-149 m). Lsd 5,796.76 ft (1,766.85 m) above msl. MP top of concrete curb, at lsd. Highest water level 29.72 ft (9.06 m) below lsd, Mar. 14, 1943; lowest 100.10 ft (30.51 m) below lsd, Oct. 4, 1973. Records available: 1933-65, 1967-74.

Mar. 10, 1971	72.30	Mar. 6, 1972	78.13	Mar. 21, 1973	84.40	Mar. 6, 1974	66.60
Oct. 7	95.28	Oct. 3	91.95	Oct. 4	100.10	Oct. 21	84.08

375242112472401. Local number (C-34-8)5bca-1. Drought Relief Administration. Drilled unused artesian well in alluvium, diam 12 in (30 cm), depth 420 ft (128 m), casing information not available. Lsd 5,802.2 ft (1,768.5 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 13.45 ft (4.10 m) below lsd, June 26, 1949; lowest 33.05 ft (10.07 m) below lsd, Dec. 12, 1964. Records available: 1935-74. The measurements for August through December 1969, and all of 1970, have been revised; the correct measurements are included in the tables below.

375242112472401--Continued.

Highest water level for the day, from recorder graph, 1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	28.86	29.23	28.31	26.62	26.27	26.44	26.22	25.73	25.85	26.19	26.79	26.21
10	28.94	29.08	28.14	26.40	26.51	26.94	26.44	25.80	25.96	26.25	26.63	26.37
15	29.03	28.89	27.88	26.34	26.74	26.19	26.48	25.97	25.44	26.38	26.31	26.54
20	29.07	28.74	27.53	25.99	26..	26.11	26.14	26.14	25.52	26.51	25.96	26.59
25	29.15	28.57	27.26	26.12	26.47	26.21	26.17	26.06	25.83	26.62	25.92	26.59
Eom	29.24	28.49	26.68	26.12	26.16	26.28	26.16	26.08	26.07	26.77	25.95	26.59

1970

5	.....	27.18	27.10	27.09	27.35	27.89	28.60	28.01	27.61	28.46	28.68	28.32
10	.....	27.16	27.09	27.34	27.45	27.77	27.97	27.85	27.50	28.46	28.57	28.38
15	.....	27.12	27.22	27.44	27.23	28.02	28.39	27.73	27.74	28.56	28.51	28.48
20	27.06	27.12	26.71	27.51	27.62	28.30	28.20	27.66	27.96	28.57	28.44	28.53
25	27.10	27.09	26.94	27.59	27.68	28.53	27.78	27.47	28.66	28.33	28.60	28.60
Eom	27.19	27.08	27.09	27.66	27.94	28.46	28.20	27.51	28.76	28.33	28.68	28.68

1971

5	28.77	.....	28.66	.....	.....	.....	28.78	28.65	28.65	29.45	30.02	29.82
10	28.80	.....	28.52	.....	.....	.....	28.29	28.67	28.87	29.37	30.05	29.74
15	28.89	.....	.....	.....	27.97	.....	28.41	28.24	28.49	29.49	30.04	29.65
20	28.90	28.93	.....	.....	.....	.....	28.61	28.37	29.21	29.67	30.02	26.59
25	28.94	28.84	.....	.....	.....	.....	28.51	28.47	29.00	29.78	29.98	26.59
Eom	28.96	28.79	27.96	.....	.....	.....	28.63	28.55	28.51	29.22	29.94	29.92

1972

5	.....	28.72	27.82	.....	.....	.....	28.65	29.31	29.69	.....	30.47	30.92	29.94
10	28.62	27.72	.....	.....	.....	.....	28.92	29.96	29.93	.....	30.59	30.38	29.96
15	29.21	28.48	27.67	.....	.....	.....	29.20	29.67	.....	30.03	30.53	29.69	29.94
20	29.13	28.34	27.62	.....	.....	.....	29.45	29.63	.....	30.26	30.77	29.54	29.87
25	28.98	28.18	27.64	.....	28.81	29.35	29.81	.....	30.19	30.90	29.86	29.86	
Eom	28.78	27.97	.....	.....	29.06	29.58	29.43	.....	30.30	30.95	30.00	29.85	

1973

5	29.84	29.66	29.49	29.15	27.87	24.89	21.98	22.62	22.30	22.08	21.66	22.08
10	29.82	29.66	29.45	28.99	27.73	21.17	22.16	21.48	22.32	22.28	21.72	22.05
15	29.79	29.71	29.40	28.77	26.72	21.32	22.27	21.86	21.98	22.32	21.80	22.07
20	29.76	29.74	29.26	28.63	26.23	22.09	23.20	21.72	22.17	21.97	21.87	22.01
25	29.69	29.73	29.24	28.58	26.35	22.34	23.13	21.93	22.32	21.77	21.90	22.01
Eom	29.64	29.67	29.20	28.42	25.89	22.34	22.74	22.20	22.08	21.63	22.05	21.97

1974

5	22.04	22.46	22.94	23.66	23.30	22.05	21..	24.63	24.37	24.40	25.07	26.11
10	22.03	22.62	23.00	23.70	23.21	22.58	24.80	24.36	24.61	24.44	25.78	25.69
15	22.05	22.68	23.13	23.84	23.10	22.97	24.78	24.52	24.90	24.41	25.81	25.52
20	21.99	22.75	23.26	23.86	23.56	22.72	24.42	24.12	24.71	25.02	25.90	25.32
25	22.14	22.82	23.42	23.67	22.98	22.47	24.10	24.23	24.94	25.37	25.96	25.09
Eom	22.28	22.88	23.49	23.43	.....	.....	24.84	24.22	24.59	25.60	26.55	24.88

374952112553701. Local number (C-34-10)24aac-1. State application 16640. Lyle Farrow. Drilled irrigation water-table well in alluvium, diam 12 in (30 cm), depth 195 ft (59 m), cased to 195 ft (59 m). Lsd 5,800 ft (1,768 m) above msl. MP top of casing, 1.50 ft (0.46 m) above lsd. Highest water level 49.75 ft (15.16 m) below lsd, Mar. 22, 1950; lowest 87.50 ft (26.67 m) below lsd, Sept. 30, 1971. Records available: 1948-74. Mar. 10, 1971, 73.55; Sept. 30, 87.50; Mar. 6, 1972, 75.02; Mar. 15, 1973, 75.73; Mar. 7, 1974, 72.89.

Juab County

Juab Valley

Chicken Creek District

393143111523301. Local number (C-15-1)12aba-1. State claim 10223. R. C. Mangelson. Drilled stock artesian well in gravel, diam 6 in (15 cm), depth 117 ft (36 m), cased to 117 ft (36 m). Lsd 5,196.9 ft (1,584.0 m) above msl. MP top of casing, 1.50 ft (0.46 m) above lsd. Highest water level 48.56 ft (14.80 m) below lsd, Mar. 22, 1954; lowest 62.16 ft (18.95 m) below lsd, June 20, 1936. Records available: 1935-74.

Date	Water level						
Mar. 3, 1971	53.86	Mar. 2, 1972	54.89	Mar. 6, 1973	59.33	Mar. 6, 1974	54.53
Sept. 8	54.84	Sept. 21	58.79	Oct. 12	57.44	Sept. 12	55.44

395242111502701. Local number (D-11-1)8aad-1. State claim 10642. Orvil Andrews and others. Jetted irrigation and stock artesian well in alluvium, diam 6 in (15 cm), depth 100 ft (30 m), cased to 100 ft (30 m). Lsd 4,929.3 ft (1,502.5 m) above msl. MP top of casing, at lsd. Highest water level 5.80 ft (1.77 m) above lsd, May 10, 1958; lowest 27.98 ft (8.53 m) below lsd, Aug. 25, 1972. Records available: 1956-74.

395242111502701--Continued.

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	11.81	10.81	9.90	8.87	12.02	16.62	19.91	17.95	15.15	13.29	11.57
10	.....	11.63	10.85	9.68	11.21	13.07	17.22	20.32	16.54	14.84	12.99	11.26
15	.....	11.35	10.54	9.48	13.23	14.10	.....	19.46	16.27	14.41	12.68	11.24
20	.....	11.20	10.29	9.30	14.45	14.21	.....	20.90	19.74	14.25	12.42	11.08
25	12.23	10.90	10.12	9.18	13.37	14.95	.....	20.67	18.07	13.95	12.17	10.70
Eom	11.93	10.90	9.88	9.13	13.55	16.10	19.48	19.15	15.45	13.56	11.93	10.68
1972												
5	10.47	9.36	8.60	7.73	7.88	17.08	22.08	.....	26.35	24.82	20.59	18.52
10	10.27	9.28	8.37	7.70	10.26	17.96	22.69	.....	25.39	23.60	20.11	18.28
15	10.16	9.11	8.36	7.70	12.36	18.77	23.88	22.62	25.54	22.82	19.82	18.20
20	9.90	8.95	8.21	7.60	13.77	19.55	23.82	27.04	25.31	22.18	19.52	17.83
25	9.63	8.81	7.88	7.41	15.18	19.91	24.74	27.98	24.16	21.57	19.26	17.12
Eom	9.38	8.61	7.79	7.43	16.59	21.31	.....	26.93	23.97	21.04	18.98	17.41
1973												
5	17.14	16.12	.....	13.61	12.38	.....	15.24	17.03	16.58	10.96	8.36	6.83
10	16.93	.....	14.53	.....	12.24	15.90	15.57	16.80	16.00	10.47	8.09	6.60
15	16.69	.....	14.53	.....	14.37	16.77	16.15	16.90	.....	9.97	7.76	6.47
20	16.59	.....	14.08	.....	16.21	18.25	16.96	17.00	13.75	9.51	7.33	6.23
25	16.34	.....	13.98	12.66	16.60	16.62	17.37	17.98	12.59	9.17	7.09	5.93
Eom	16.13	.....	13.77	12.40	15.56	16.05	18.44	17.67	11.65	8.55	7.00	5.74
1974												
5	5.60	4.68	4.06	3.58	3.88	12.55	e17.80	e22.00	26.05	24.57	18.33	15.68
10	5.52	4.72	4.02	3.52	4.88	13.60	e18.50	e22.70	26.67	23.34	17.80	15.33
15	5.40	4.58	3.98	e3.50	6.64	14.87	e19.20	e23.40	25.93	22.37	17.26	15.08
20	5.14	4.42	3.86	e3.40	8.78	15.67	e19.90	24.14	24.73	20.80	16.80	14.78
25	5.05	4.33	3.77	e3.40	10.16	e16.40	e20.60	24.60	24.93	19.89	16.35	14.47
Eom	4.76	4.18	3.68	e3.30	11.27	e17.10	e21.30	25.27	23.22	18.96	16.01	14.29

e Estimated.

394112111522401. Local number (D-13-1)18bbc-1. State application 16108. Dee Jarrett. Drill-ed irrigation artesian well in alluvium, diam 12 to 8 in (30 to 20 cm), depth 235 ft (72 m), cased to 234 ft (71 m). Lsd 5,020+ ft (1,530+ m) above msl. MP top of casing, 3.00 ft (0.91 m) below lsd. Highest water level 18.22 ft (5.55 m) below lsd, July 3, 1951; lowest 49.66 ft (15.14 m) below lsd, Aug. 3, 1965. Records available: 1949-51, 1953-73. No measurement made in 1974. Mar. 4, 1971, 27.52; Sept. 9, 47.32; Mar. 3, 1972, 27.25; Mar. 7, 1973, 35.13.

Snake Valley

(For other wells in this valley see Millard County)

395343113423902. Local number (C-11-17)1bdc-2. Church of Jesus Christ of Latter-Day Saints. Drilled unused artesian well in alluvium, diam 6 in (15 cm), depth 60 ft (18 m), cased. Lsd 4,330 ft (1,320 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 4.51 ft (1.37 m) below lsd, Mar. 7, 1972; lowest 5.81 ft (1.77 m) below lsd, Sept. 11, 1972. Records available: 1972-74. Replaces well (C-11-17)bdc-1. Mar. 7, 1972, 4.51; Sept. 11, 5.81; Mar. 2, 1973, 5.24; Apr. 11, 4.58; Mar. 5, 1974, 4.92; Sept. 5, 5.32.

394149113501101. Local number (C-13-18)23aab-2. Charles Nielsen. Drilled domestic and stock artesian well in alluvium, diam 10 in (25 cm), depth 40 ft (12 m), cased to 40 ft (12 m). Lsd 4,600+ ft (1,402+ m) above msl. MP top of casing, 0.80 ft (0.24 m) above lsd. Highest water level 2.29 ft (0.70 m) below lsd, Mar. 2, 1973; lowest 14.27 ft (4.35 m) below lsd, Oct. 24, 1961. Records available: 1939-52, 1954, 1957-58, 1960-74.

Mar. 2, 1971	6.62	Mar. 7, 1972	7.39	Mar. 2, 1973	2.29	Mar. 5, 1974	8.43
Sept. 21	5.44	Sept. 11	8.87	Sept. 12	6.19	Sept. 5	7.54

Kane County

370050112274501. Local number (C-44-5)6cbb-1. State claim 8194. Judd Bros. Dug stock water-table well in alluvium, diam 10 ft (3 m), depth 80 ft (24 m), lined with rock to 80 ft (24 m). Lsd 5,000 ft (1,524 m) above msl. MP top of concrete cover over well, 1.50 ft (0.46 m) above lsd. Highest water level 51.19 ft (15.60 m) below lsd, Dec. 6, 1952; lowest 62.68 ft (19.10 m) below lsd, May 15, 1963. Records available: 1935-39, 1950-73. No measurement made in 1974. Oct. 19, 1971, 54.92; Mar. 13, 1972, 56.33; Oct. 17, 55.37; Mar. 1, 1973, 53.45.

370010111302501. Local number (D-44-4)8bbc-1. U.S. Bureau of Reclamation. Drilled unused artesian well in Navajo Sandstone, diam 20 in (51 cm), depth 800 ft (244 m), cased to 800 ft (244 m). Lsd 3,722.87 ft (1,134.73 m) above msl. MP top of casing, at lsd. Highest water level 85.51 ft (26.06 m) below lsd, July 15, 1974; lowest 357.07 ft (108.83 m) below lsd, July 15, 1964. Records available: 1964-74.

GROUND-WATER LEVELS, 1971-74, NORTHWESTERN STATES

370010111302501--Continued.

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	153.90	152.15	150.32	149.28	147.58	145.32	141.05	138.51	137.45	....	135.55	135.08
10	153.63	152.08	150.23	148.25	147.54	144.68	140.83	138.09	137.23	....	135.68	134.94
15	153.77	151.50	150.19	148.58	147.12	144.41	139.81	138.11	137.31	....	135.10	134.90
20	153.23	150.88	149.81	148.31	146.53	143.60	139.32	137.90	136.92	136.22	135.34	135.22
25	153.10	150.75	149.43	147.94	146.37	142.77	138.15	137.82	136.92	135.78	135.23	135.09
Em	152.57	150.67	149.07	148.09	145.88	141.85	138.60	137.31	136.65	135.65	134.93	135.27

1972

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	135.46	135.17	134.67	132.90	132.27	131.52	129.22	128.48	129.54	131.04	130.01	128.87
10	135.23	135.27	134.40	132.54	132.23	130.98	128.79	128.55	129.80	131.03	129.78	129.17
15	135.54	133.06	134.14	132.64	132.26	130.70	128.58	128.90	130.11	131.18	129.63	129.60
20	135.46	135.11	133.68	132.39	131.11	130.17	128.31	129.08	130.38	130.70	129.56	129.58
25	135.23	134.84	133.34	132.20	131.95	129.70	128.39	129.09	130.42	130.60	129.56	129.41
Em	135.25	134.63	133.15	132.56	131.79	129.56	128.46	129.35	130.90	130.38	129.56	129.40

1973

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	129.53	130.75	130.88	131.87	133.11	129.00	130.59	115.38	111.71	109.00	106.08	104.02
10	129.65	130.68	130.98	132.22	133.11	127.48	129.82	114.65	111.32	108.50	105.86	103.79
15	130.08	130.96	131.10	132.43	133.28	126.06	118.71	114.15	110.66	108.01	105.43	103.53
20	129.82	131.21	130.85	132.77	132.52	128.77	117.88	113.50	110.16	107.24	104.88	103.26
25	130.52	131.22	131.35	133.34	131.25	123.20	117.06	112.83	109.88	106.32	104.26	102.46
Em	130.13	131.03	131.50	133.22	129.85	121.63	115.97	111.98	109.42	106.29	104.42	102.06

1974

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	101.75	100.77	99.46	97.86	96.58	....	89.83	89.14	90.29	90.55	90.78	90.72
10	101.76	100.90	99.30	97.46	96.24	92.82	89.55	89.27	90.44	90.68	90.86	90.77
15	102.02	100.55	99.03	97.71	95.86	92.08	85.51	89.36	90.48	90.94	90.66	90.82
20	101.41	99.91	98.55	97.38	95.59	91.41	89.45	89.38	90.34	90.77	90.90	90.92
25	101.31	100.09	98.32	97.31	95.11	90.93	89.75	89.72	90.46	90.99	90.78	90.91
Em	101.20	99.82	97.82	97.17	....	90.32	89.17	90.00	90.71	90.76	90.86	91.07

Millard County

Pavant Valley

385844112245801. Local number (C-21-5)2lab-a-1. Delbert Crapo. Drilled unused artesian well in alluvium, diam 6 in (15 cm), depth 246 ft (75 m), cased to 220 ft (67 m). Lsd 4.744.44 ft (1.446.11 m) above msl. NF top of casing 1.50 ft (0.46 m) above lsd. Highest water level 1.96 ft (0.60 m) above lsd, Feb. 24, 1949; lowest 83.02 ft (25.30 m) below lsd, July 20, 1965. Records available: 1929-74.

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	45.38	43.47	41.83	42.83	54.57	59.65	64.28	64.10	61.08	54.27	....	45.54
10	44.91	43.25	41.68	48.00	52.27	52.08	67.65	61.52	61.00	53.99	....	45.04
15	44.78	42.80	41.58	53.18	56.75	62.63	68.82	63.26	61.55	56.11	47.71	44.64
20	44.35	42.43	41.07	54.93	59.54	61.95	66.38	66.22	56.70	....	47.05	44.28
25	44.17	42.20	40.78	54.90	60.28	64.12	62.40	67.51	55.69	....	46.52	43.79
Em	43.73	....	40.80	53.95	58.60	66.06	63.23	63.44	55.69	....	46.02	43.60

1972

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	43.34	41.40	40.17	....	56.47	64.98	69.87	69.72	71.95	64.35	58.32	54.62
10	42.94	41.23	39.87	....	59.64	65.83	70.46	72.14	70.68	63.35	57.55	54.03
15	42.73	40.94	39.80	....	59.72	65.64	71.42	73.47	71.41	62.35	57.02	....
20	42.32	40.73	39.63	....	60.55	66.14	71.12	72.47	68.82	61.23	56.44	53.20
25	41.92	40.48	39.35	....	61.98	67.18	69.95	74.48	66.14	60.12	55.90	52.73
Em	41.50	40.25	42.12	....	62.65	66.12	69.17	71.47	65.27	59.13	55.28	52.11

1973

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	51.73	49.57	47.83	45.87	51.44	56.44	61.78	58.50	....	....	....	....
10	51.36	49.07	47.52	45.70	54.33	61.50	59.08	....	....	....	....	....
15	50.84	49.01	47.40	45.64	58.58	54.08	58.35	60.04	58.26	....	....	....
20	50.58	46.73	46.78	57.30	58.16	60.01	59.01	58.26	47.55	42.76	39.55	....
25	50.15	48.45	46.53	49.60	59.81	58.24	60.48	60.83	53.74	....	....	....
Em	49.94	48.16	46.18	49.69	58.28	61.30	58.43	....	....	....	....	....

1974

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	35.30	37.48	....	....	....	49.36	50.81	46.88	39.03	35.18
10	35.12	36.79	....	....	....	....	50.73	51.36	46.06	38.27	34.94
15	e38.08	34.99	36.62	....	....	21.78	....	48.57	45.84	37.28	34.77	....
20	35.84	34.76	....	....	....	....	50.50	52.22	48.17	44.35	36.56
25	35.65	34.59	....	....	....	....	58.71	52.18	46.29	41.67	35.40
Em	35.51	34.32	....	....	....	....	48.52	53.33	46.27	40.03	35.45

e Estimated.

385654112240701. Local number (C-21-5)34baa-1. State claim 17381. Frank Sweeting. Drilled unused artesian well in alluvium, diam 8 in (20 cm), depth 190 ft (58 m), cased to 190 ft (58 m). Lsd 4,772.8 ft (1,454.8 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 25.71 ft (7.84 m) below lsd, Mar. 30, 1949; lowest 119.42 ft (36.40 m) below lsd, Aug. 23, 1966. Records available: 1942-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 22, 1971	71.90	Mar. 15, 1972	69.76	Mar. 8, 1973	78.75	Mar. 6, 1974	63.93
Aug. 24	34.94	Sept. 13	109.08	Sept. 19	79.80	Sept. 19	65.66

385053112252402. Local number (C-22-5)33cccd-2. State application "R" A-13367. LaVoy Kimball. Drilled irrigation artesian well in alluvium, diam 16 in (41 cm), depth 270 ft (82 m), cased to 270 ft (82 m), perforated 127-266 ft (39-81 m). Lsd 4,834.69 ft (1,473.61 m) above msl. MP top of casing, 0.97 ft (0.30 m) above lsd. Highest water level 63.00 ft (19.20 m) below lsd, Mar. 22, 1971; lowest 100.88 ft (30.75 m) below lsd, Sept. 14, 1972. Records available: 1959-65, 1968-74.

Sept. 2, 1970	79.85	Mar. 15, 1972	79.12	Mar. 8, 1973	87.25	Mar. 12, 1974	70.91
Mar. 22, 1971	63.00	Sept. 14	100.88	Sept. 20	88.01	Sept. 19	75.67

384935112305001. Local number (C-23-6)10bdd-1. State application 19930. William Rogers. Formerly C. A. Kimball. Drilled unused artesian well in lava, diam 16 in (41 cm), depth 132 ft (40 m), cased to 132 ft (40 m), perforated 50-161 ft (15-35 m). Lsd 4,751.9 ft (1,448.1 m) above msl. MP top of casing, 0.50 ft (1.5 m) above lsd. Highest water level 61.20 ft (12.56 m) below lsd, Dec. 4, 1953; lowest 98.06 ft (29.89 m) below lsd, Sept. 20, 1974. Records available: 1953-74; Recording gage removed Oct. 7, 1971. Oct. 7, 1971, 92.66; Mar. 16, 1972, 81.48; Sept. 13, 95.56; Mar. 27, 1973, 82.09; Mar. 7, 1974, 76.48; Sept. 20, 98.06.

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5				81.58				96.04	97.48	92.41		
10	84.45	.....	.....	81.40	.....	.....	.....	96.48	96.89	.....	
15	84.40	.....	.....	81.78	.....	.....	.....	96.84	96.02	.....	
20				82.05	.....	.....	.....	97.06	95.33	.....	
25				81.87	.....	.....	.....	95.04	96.72	94.73	.....
Eom				81.65	.....	.....	.....	95.48	97.25	94.05	.....

Sevier Desert

392952112190701. Local number (C-15-4)20ddc-2. Spencer Nielson. Drilled stock water-table well in alluvium, diam 6 in (15 cm), depth 220 ft (67 m), cased to 220 ft (67 m). Lsd 4,817 ft (1,468 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 127.05 ft (38.72 m) below lsd, Mar. 1, 1972; lowest 135.99 ft (41.45 m) below lsd, Aug. 22, 1969. Records available: 1967-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 1, 1967	129.53	Mar. 2, 1970	128.13	Mar. 1, 1972	127.05	Sept. 14, 1973	128.18
Mar. 1, 1968	130.27	Aug. 28	129.56	Sept. 13	131.19	Mar. 4, 1974	127.07
Mar. 5, 1969	130.19	Mar. 18, 1971	127.99	Mar. 1, 1973	128.28	Aug. 29	128.50
Aug. 22	135.99	Aug. 23	128.36				

393048112390501. Local number (C-15-7)17dad-1. State claim 18938. I. H. Losee. Jetted unused artesian well in alluvium, diam 1 $\frac{1}{4}$ in (3.8 cm), depth 235 ft (72 m), cased to 235 ft (72 m). Lsd 4,588.1 ft (1,398.5 m) above msl. MP top of casing, 0.40 ft (0.12 m) above lsd. Highest water level 3.42 ft (1.04 m) above lsd, May 24, 1937; lowest 10.54 ft (3.21 m) below lsd, Aug. 26, 1974. Records available: 1937-51, 1953-74.

Mar. 5, 1971	3.27	Mar. 1, 1972	3.05	Mar. 5, 1973	3.49	Mar. 6, 1974	3.29
Aug. 25	7.20	Sept. 11	6.15	Sept. 13	7.13	Aug. 26	10.54

392753112383001. Local number (C-16-7)4abb-1. L. N. Hinckley. Jetted unused artesian well in alluvium, diam 1 $\frac{1}{4}$ in (3.2 cm), depth 324 ft (99 m), cased to 309 ft (94 m). Lsd 4,584 ft (1,397 m) above msl. MP top of reducing ell, 3.00 ft (0.91 m) above lsd. Highest water level 10.0 ft (3.1 m) above lsd, Apr. 2, 1952; lowest 6.28 ft (1.91 m) below lsd, Aug. 27, 1974. Records available: 1935-74.

Mar. 5, 1971	+5.35	Mar. 1, 1972	+4.45	Mar. 6, 1973	+3.69	Mar. 6, 1974	+5.02
Aug. 25	-4.58	Sept. 12	-2.92	Sept. 13	-0.68	Aug. 27	-6.28

392416112445201. Local number (C-16-8)21ddd-1. State claim 768. Lewis Ellsworth. Jetted stock artesian well in alluvium, diam 2 in (5.1 cm), depth 125 ft (38 m), cased to 125 ft (38 m). Lsd 4,575.33 ft (1,394.56 m) above msl. MP top of coupling, 0.80 ft (0.24 m) above lsd. Highest water level 3.60 ft (1.10 m) above lsd, Apr. 8, 1954; lowest 19.42 ft (5.92 m) below lsd, Aug. 26, 1968. Records available: 1942-74. Mar. 5, 1971, 8.76; Aug. 25, 15.02; Mar. 2, 1972, 6.64; Mar. 6, 1973, 12.31; Sept. 13, 14.21; Mar. 6, 1974, 8.70; Aug. 27, 14.06.

391919112400901. Local number (C-17-7)20ccb-1. State claim 12287. W. J. Webb. Jetted stock artesian well in alluvium, diam 1 $\frac{1}{4}$ in (3.2 cm), depth 356 ft (109 m), cased to 356 ft (109 m). Lsd 4,592.4 ft (1,399.8 m) above msl. MP top of concrete trough, 0.60 ft (0.18 m) above lsd. Highest water level 6.45 ft (1.97 m) above lsd, July 21, 1942; lowest 6.09 ft (1.86 m) below lsd, Aug. 27, 1974. Records available: 1936-74.

Mar. 4, 1971	3.15	Mar. 17, 1972	2.82	Mar. 2, 1973	3.79	Mar. 5, 1974	3.28
Aug. 24	.83	Sept. 12	4.26	Sept. 12	5.54	Aug. 27	6.09

Snake Valley

(For other wells in this valley see Juab County)

391324114000001. Local number (C-18-19)20ddd-1. State claim 7420. Louise Robison. Drilled domestic artesian well in alluvium, diam 6 in (15 cm), depth 90 ft (27 m), cased to 90 ft (27 m). Lsd 4,989.2 ft (1,520.7 m) above msl. MP top of coupling, 0.80 ft (0.24 m) above lsd. Highest water level (revised), 21.85 ft (6.66 m) below lsd, Sept. 10, 1970; lowest 38.61 ft (11.77 m) below lsd, Sept. 21, 1971. Records available: 1937-52, 1954, 1956-74. The measurement of 21.35 ft for Sept. 10, 1970, published in WSP 1980, was in error; the correct measurement for this date is 21.85 ft. Mar. 2, 1971, 25.16; Sept. 21, 38.61; Mar. 7, 1972, 25.61; Mar. 6, 1973, 25.08; Sept. 12, 24.35; Mar. 6, 1974, 26.43.

384936113592301 (revised). Local number (C-23-19)9cdb-1. Thomas Dearden. Drilled unused artesian well in alluvium, diam 5 in (13 cm), depth 270 ft (82 m), cased to 270 ft (82 m). Lsd 5,400 ft (1,646 m) above msl. MP top of coupling, 1.10 ft (0.34 m) above lsd. Highest water level 10.34 ft (3.15 m) below lsd, Sept. 12, 1973; lowest 16.27 ft (4.96 m) below lsd, Dec. 1, 1937. Records available: 1936-48, 1950-54, 1956-57, 1959-74. The measurements of 11.42 ft for Mar. 11, and 10.83 ft for Sept. 10, 1970, published in WSP 1980, were in error; the correct measurements for these dates are included in the table below.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 11, 1970	11.32	Sept. 21, 1971	10.91	Sept. 12, 1972	10.42	Mar. 6, 1974	10.51
Sept. 10	10.73	Mar. 7, 1972	11.04	Sept. 12, 1973	10.34	Sept. 6	10.48
Mar. 2, 1971	11.29						

Morgan County

Morgan Valley

405848111403701. Local number (A-3-2)28cba-1. State claim 12405. Hyrum Adams. Dug domestic water-table well in alluvium, diam 24 in (61 cm), depth 19 ft (6 m), concrete lined. Lsd 5,155 ft (1,571 m) above msl. MP top of concrete curb, 0.80 ft (0.24 m) above lsd. Highest water level 8.48 ft (2.58 m) below lsd, July 27, 1965; lowest 17.91 ft (5.46 m) below lsd, Mar. 4, 1964. Records available: 1936-40, 1942-74.

Mar. 25, 1971	16.16	Mar. 23, 1972	11.12	Mar. 20, 1973	16.82	Mar. 21, 1974	14.68
Sept. 21	11.45	Sept. 29	12.65	Sept. 10	10.77	Sept. 13	10.89

410219111393701. Local number (A-4-3)3lcab-1. State claim 12410. Como Springs Resort. Drilled unused artesian well in limestone and shale, diam 6 in (15 cm), depth 40 ft (12 m), casing information not available. Lsd 5,080 ft (1,548 m) above msl. MP top of coupling, 1.50 ft (0.46 m) above lsd. Highest water level 1.77 ft (0.54 m) below lsd, July 27, 1965; lowest 4.17 ft (1.27 m) below lsd, Mar. 31, 1955. Records available: 1937-74.

Mar. 25, 1971	3.23	Mar. 23, 1972	2.51	Mar. 20, 1973	2.81	Mar. 21, 1974	2.83
Sept. 21	2.38	Sept. 29	2.43	Sept. 10	2.28	Sept. 13	2.16

410821111493101. Local number (A-5-1)27db. E. R. France. Drilled unused artesian well in alluvium, diam 6 in (15 cm), depth 150 ft (46 m), casing information not available. Lsd 4,840 ft (1,475 m) above msl. MP top of casing, at lsd. Highest water level 0.16 ft (0.05 m) below lsd, Mar. 24, 1969; lowest 2.60 ft (0.79 m) below lsd, Mar. 21, 1961. Records available: 1936-74.

Mar. 25, 1971	1.79	Mar. 23, 1972	0.41	Mar. 30, 1973	2.03	Mar. 21, 1974	0.42
Sept. 21	1.40	Sept. 29	1.54	Sept. 10	.72	Sept. 13	.89

Piute County

Upper Sevier Valley

(For other wells in this valley see Garfield, Sanpete, and Sevier Counties)

382615111534001. Local number (C-27-1)27abc-2. State claim 2905. H. B. Crandall. Jetted stock artesian well in alluvium, diam 2 in (5.1 cm), depth 260 ft (79 m), casing information not available. Lsd 6,739.26 ft (2,054.13 m) above msl. MP top of casing, 2.00 ft (0.61 m) above lsd. Highest water level 5.33 ft (1.62 m) above lsd, Dec. 20, 1938; lowest 1.14 ft (0.35 m) above lsd, Nov. 14, 1967. Records available: 1937-53, 1955-56, 1958-74.

Mar. 10, 1971	+4.40	Mar. 2, 1972	+4.34	Mar. 7, 1973	+2.70	Mar. 22, 1974	+3.60
Oct. 5	4.35	Oct. 6	4.05	Oct. 1	3.40	Oct. 10	2.65

38241511212355001. Local number (C-28-3)5cba-1. State claim 2821. Pearson and Crofts. Drilled water-table well in alluvium; diam 4½ ft (1.4 m), previously reported 4 ft (1.2 m); depth 72 ft (22 m), cased to 72 ft (22 m). Lsd 6,050 ft (1,844 m) above msl. MP top of casing, at lsd. Highest water level 16.79 ft (5.12 m) below lsd, Aug. 1, 1958; lowest (revised), 46.51 ft (14.18 m) below lsd, Apr. 25, 1961. Records available: 1957-62, 1964-73. Measurement discontinued. Mar. 11, 1971, 30.70; Oct. 4, 27.50; Mar. 1, 1972, 36.71; Oct. 5, 34.89; Mar. 8, 1973, 38.12.

381445111590001. Local number (C-29-2)35bad-1. State application 23875. Glen D. Moore. Drilled domestic artesian well in alluvium, diam 6 in (15 cm), depth 197 ft (60 m), cased to 161 ft (49 m). Lsd 6,405 ft (1,952 m) above msl. MP top of casing, 5.30 ft (1.62 m) below lsd. Highest water level 17.30 ft (5.27 m) below lsd, Mar. 8, 1973; lowest 22.32 ft (6.80 m) below lsd, Mar. 18, 1965. Records available: 1961-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 12, 1971	17.82	Mar. 2, 1972	17.71	Mar. 8, 1973	17.30	Mar. 20, 1974	18.10
Oct. 5	18.13	Oct. 6	17.90	Oct. 1	17.82	Oct. 10	18.89

380915112003001. Local number (C-30-2)34boc-1. Van Wyley. Dug unused water-table well in alluvium, diam 24 in (61 cm), depth 20 ft (6 m), casing information not available. Lsd 6,370 ft (1,942 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 10.69 ft (3.26 m) below lsd, July 31, 1962; lowest 14.96 ft (4.56 m) below lsd, Mar. 20, 1974. Records available: 1957, 1960-74. Mar. 12, 1971, 13.55; Oct. 5, 12.10; Mar. 2, 1972, 13.61; Oct. 6, 12.90; Mar. 8, 1973, 14.34; Oct. 1, 13.12; Mar. 20, 1974, 14.96.

381220112114001. Local number (C-30-3)15bba-1. G. P. Jessen. Dug unused water-table well in alluvium, diam 24 in (61 cm), depth 40 ft (12 m), cased to 40 ft (12 m). Lsd 6,006.50 ft (1,830.78 m) above msl. MP top of concrete curb, 0.50 ft (0.15 m) above lsd. Highest water level 8.13 ft (2.48 m) below lsd, Aug. 24, 1937; lowest 28.08 ft (8.56 m) below lsd, Mar. 20, 1961. Records available: 1935-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 12, 1971	24.23	Mar. 1, 1972	23.58	Mar. 8, 1973	23.75	Mar. 20, 1974	22.56
Oct. 4	11.09	Oct. 5	10.44	Oct. 12	11.84	Oct. 7	11.86

381015112144001. Local number (C-30-3)30caa-1. U.S. Geol. Survey. Drilled observation artesian well in alluvium, diam 4 in (10 cm), depth 563 ft (172 m), cased to 400 ft (122 m). Lsd 6,055 ft (1,846 m) above msl. MP top of casing, 1.53 ft (0.47 m) above lsd. Highest water level 15.31 ft (4.67 m) below lsd, Oct. 2, 1973; lowest 24.22 ft (7.38 m) below lsd, Sept. 26, 1960. Records available: 1960-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 12, 1971	20.66	Mar. 1, 1972	19.89	Mar. 8, 1973	21.65	Mar. 18, 1974	19.25
Oct. 4	19.01	Oct. 5	20.33	Oct. 2	15.31	Oct. 7	15.81

380924112162301. Local number (C-30-4)35dab-1. U.S. Geol. Survey test hole. Drilled observation artesian well in sand and gravel, diam 6 in (15 cm), depth 510 ft (155 m), cased 510 ft (155 m), perforated 18-207 ft (5-63 m). Lsd 6,086 ft (1,855 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 34.30 ft (10.45 m) below lsd, Oct. 7, 1974; lowest 49.37 ft (15.05 m) below lsd, Mar. 19, 1965. Records available: 1962-74.

Oct. 1, 1962	47.34	July 2, 1963	47.00	Oct. 4, 1966	44.31	Mar. 12, 1971	45.20
Oct. 29	46.20	30	48.29	Mar. 3, 1967	46.70	Oct. 4	42.94
Dec. 3	46.93	Aug. 28	48.52	Oct. 24	41.35	Mar. 1, 1972	37.41
26	47.70	Sept. 23	48.33	Mar. 4, 1968	41.14	Oct. 5	44.79
Jan. 28, 1963	48.23	Apr. 7, 1964	48.60	Sept. 30	37.06	Mar. 2	46.25
Feb. 27	48.73	Sept. 24	47.52	Mar. 14, 1969	44.43	Oct. 2	37.83
Mar. 25	48.96	Mar. 19, 1965	49.37	Oct. 7	38.34	Mar. 18, 1974	42.42
Apr. 29	47.85	Sept. 10	41.16	Mar. 9, 1970	44.09	Oct. 7	34.30
May 29	45.88	Mar. 7, 1966	46.38	Oct. 6	41.97		

Rich County

Bear Lake Valley

415124111225401. Local number (A-13-5)21dab. State claim 8222. Drought Relief Administration. Bored unused artesian well in gravel, diam 15 in (38 cm), depth 70 ft (21 m), cased to 70 ft (21 m). Lsd 5,999+ ft (1,826+ m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 0.22 ft (0.07 m) above lsd, May 7, 1962; lowest 19.78 ft (6.03 m) below lsd, Sept. 10, 1974. Records available: 1936-48, 1950-65, 1967-74.

Mar. 30, 1971	+0.05	Mar. 16, 1972	+0.05	Apr. 12, 1973	-0.02	Mar. 11, 1974	+0.20
Sept. 1	-8.50	Sept. 7	-13.60	Sept. 6	-7.11	Sept. 10	-19.78

Upper Bear River Valley

413136111094001. Local number (A-9-7)9cdc-1. State application 16733. James Stuart. Drilled domestic artesian well in alluvium, diam 6 in (15 cm), depth 57 ft (17 m), cased to 47 ft (14 m). Lsd 6,340+ ft (1,932+ m) above msl. MP top of casing, 8.00 ft (2.44 m) below lsd. Highest water level 12.50 ft (3.84 m) below lsd, Sept. 1, 1971; lowest 39.13 ft (11.93 m) below lsd, Oct. 10, 1961. Records available: 1948-74.

Mar. 4, 1971	34.90	Mar. 16, 1972	30.60	Apr. 12, 1973	36.47	Mar. 11, 1974	35.85
Sept. 1	12.60	Sept. 7	15.17	Sept. 6	18.67	Sept. 10	19.91

413124111071602 (revised). Local number (A-9-7)26cd-2. Formerly (A-9-7)35abd-2. Deseret Livestock Co. Drilled unused artesian well in alluvium, diam 6 in (15 cm), depth 300 ft (91 m), casing information not available. Lsd 6,320 ft (1,926 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 18.12 ft (5.52 m) below lsd, Mar. 16, 1966; lowest 20.94 ft (6.38 m) below lsd, May 7, 1962. Records available: 1946-51, 1953-59, 1962-74.

Mar. 4, 1971	18.90	Mar. 16, 1972	18.72	Apr. 12, 1973	18.64	Mar. 11, 1974	18.74
Sept. 1	18.97	Sept. 7	18.32	Sept. 6	18.56	Sept. 10	18.61

414214111093601. Local number (A-11-7)9ed-1. Frank H. Jackson. Drilled unused water-table well in alluvium, diam 6 in (15 cm), depth 25 ft (8 m), cased to 25 ft (8 m). Lsd 6,255+ ft (1,907+ m) above msl. MP top of casing, 0.80 ft (0.24 m) above lsd. Highest water level 6.65 ft (2.03 m) below lsd, Sept. 12, 1967; lowest 16.55 ft (5.04 m) below lsd, Jan. 22, 1941. Records available: 1936-59, 1951-65, 1967-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 4, 1971	13.47	Mar. 16, 1972	12.22	Apr. 12, 1973	14.90	Mar. 11, 1974	13.83
Sept. 1	7.88	Sept. 7	7.57	Sept. 6	6.96	Sept. 10	7.90

414539111073401. Local number (A-12-7)26bb-2. Wm. Hoffman. Drilled stock artesian well in alluvium, diam 6 in (15 cm), depth 60 ft (18 m), cased to 60 ft (18 m). Lsd 6,250+ ft (1,905+ m) above msl. MP top of concrete pumpbase, 0.70 ft (0.21 m) above lsd. Highest water level 2.95 ft (0.90 m) below lsd, June 6, 1939; lowest 9.77 ft (2.98 m) below lsd, Oct. 8, 1940. Records available: 1936-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 4, 1971	7.38	Mar. 16, 1972	4.20	Apr. 12, 1973	5.20	Mar. 11, 1974	7.14
Sept. 1	7.24	Sept. 7	5.56	Sept. 6	7.36	Sept. 10	7.45

Salt Lake County

Jordan Valley

404659112005601. Local number (B-1-2)36baa-1. State claim 18176. E. J. Jeremy. Jetted stock artesian well in alluvium, diam 2 in (5.1 cm), depth 464 ft (141 m), casing information not available. Lsd 4,223.6 ft (1,287.4 m) above msl. MP top of concrete block, 3.50 ft (1.07 m) above lsd. Highest water level 15.5 ft (4.7 m) above lsd, Dec. 16, 1944; lowest 7.8 ft (2.4 m) above lsd, July 17, 1957. Records available: 1931-33, 1941-53, 1955-74.

Date	Water level						
Feb. 22, 1971	+10.6	Feb. 16, 1972	+10.7	Feb. 21, 1973	+11.5	Feb. 25, 1974	+11.5
Sept. 8	10.1	Sept. 19	10.7	Sept. 11	12.1	Sept. 3	11.4

404259112034301. Local number (C-1-2)22cbb-1. F. E. Fowler. Jetted domestic artesian well in alluvium, diam 2 in (5.1 cm), depth 110 ft (34 m), cased to 110 ft (34 m). Lsd 4,231.61 ft (1,289.79 m) above msl. MP top of casing, 3.20 ft (0.98 m) above lsd. Highest water level 17.2 ft (5.2 m) above lsd, Sept. 21, 1953; lowest 7.3 ft (2.2 m) above lsd, Apr. 21, 1966. Records available: 1931-32, 1934-74.

Date	Water level						
Feb. 19, 1971	+10.2	Feb. 15, 1972	+11.2	Feb. 21, 1973	+11.4	Feb. 25, 1974	+10.1
Sept. 8	14.8	Sept. 19	15.2	Sept. 11	14.6	Sept. 3	15.3

403757111533501. Local number (C-2-1)24adc-1. State claim 16012. J. D. Blain. Jetted unused artesian well in alluvium, diam 3 in (7.6 cm), depth 160 ft (49 m), cased to 127 ft (39 m). Lsd 4,343.8 ft (1,324.0 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 19.88 ft (6.06 m) below lsd, Dec. 28, 1949; lowest 41.58 ft (12.67 m) below lsd, Sept. 4, 1974. Records available: 1931-74.

Date	Water level						
Feb. 18, 1971	29.40	Feb. 14, 1972	29.26	Feb. 20, 1973	30.14	Feb. 14, 1974	30.70
Sept. 9	32.18	Sept. 20	33.43	Sept. 7	37.78	Sept. 4	41.58

404357111503901. Local number (D-1-1)16caa-1. State claim 4847. Salt Lake City Corp. Drilled unused water-table well in alluvium, diam 20 in (51 cm), depth 502 ft (153 m), cased to 502 ft (153 m), perforations 90-486 ft (27-148 m). Lsd 4,489.69 ft (1,368.46 m) above msl. MP top of casing, at lsd. Highest water level 48.42 ft (14.76 m) below lsd, July 24, 1938; lowest 70.65 ft (21.53 m) below lsd, Apr. 29, 1935. Records available: 1934-74.

Highest water level for the day, from recorder graph, 1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	56.85	56.77	56.50	55.92	55.28	55.26	55.37	55.68	55.81	55.87	55.99	56.08
10	56.85	56.74	56.45	55.75	55.28	55.23	55.42	55.70	55.81	55.89	56.01	56.08
15	56.87	56.66	56.39	55.63	55.24	55.22	55.46	55.72	55.80	55.91	56.04	56.08
20	56.91	56.61	56.33	55.50	55.22	55.22	55.53	55.75	55.80	55.94	56.04	56.10
25	56.91	56.68	56.24	55.43	55.23	55.30	55.58	55.79	55.82	55.97	56.06	56.10
Em	56.83	56.56	56.00	55.32	55.29	55.34	55.63	55.82	55.85	55.99	56.07	56.13

1972

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	56.13	55.99	56.13	55.71	55.64	55.76	56.09	56.18	56.22	56.21	56.19	56.33
10	56.10	56.00	56.13	55.70	55.64	55.85	56.12	56.19	56.22	56.22	56.21	56.34
15	56.10	56.03	56.01	55.70	55.65	55.90	56.14	56.20	56.22	56.22	56.24	56.35
20	56.11	56.08	55.94	55.70	55.69	55.93	56.18	56.21	56.22	56.21	56.25	56.36
25	56.13	56.09	55.86	55.69	55.75	55.97	56.17	56.22	56.22	56.19	56.27	56.37
Em	56.15	56.11	55.71	55.60	55.76	56.09	56.18	56.22	56.22	56.16	56.33	56.41

1973

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	56.42	56.62	56.77	56.71	55.15	55.64	55.62	55.53	55.44	55.28	55.17	55.14
10	56.45	56.64	56.80	56.69	55.90	55.64	55.64	55.48	55.44	55.27	55.10	55.14
15	56.49	56.66	56.82	56.64	55.83	55.63	55.65	55.48	55.40	55.27	e55.1	55.15
20	56.52	56.70	56.82	56.54	56.83	55.63	55.63	55.48	55.36	55.27	e55.1	55.18
25	56.53	56.74	56.81	56.38	55.79	55.62	55.58	55.45	55.36	55.26	e55.1	55.17
Em	56.60	56.75	56.75	56.23	55.66	55.62	55.54	55.45	55.29	55.17	e55.1	55.22

404357111503901--Continued.

1974

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	55.2	55.17	55.06	54.30	54.07	52.02	51.73	52.08	52.33	52.48	52.75	
10	55.16	55.18	55.00	54.18	52.62	52.03	52.93	51.79	52.12	52.25	52.52	52.82
15	55.22	55.19	54.88	54.01	52.44	51.99	52.06	51.85	52.16	52.39	52.55	52.85
20	55.20	55.16	54.71	53.75	52.34	52.00	52.03	51.92	52.18	52.37	52.61	52.92
25	55.17	55.13	54.57	53.35	52.22	52.02	52.10	51.98	52.24	52.43	52.64	52.95
30	55.17	55.10	54.47	52.97	52.12	52.02	51.73	51.03	52.29	52.44	52.69	53.00

e Estimated.

404017111502101. Local number (D-2-1)4dbd-4. A. C. Robbins. Jetted unused artesian well in alluvium, diam 3 in (7.6 cm), depth 118 ft (36 m), cased to 118 ft (36 m). Lsd 4,384.1? ft (1,336.28 m) above msl. MP top of reducer, 0.25 ft (0.08 m) above lsd. Highest water level 7.00 ft (2.13 m) above lsd, Aug. 27, 1952; lowest 26.80 ft (6.17 m) below lsd, Apr. 2, 1962.

Records available: 1931-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 22, 1971	23.36	Dec. 29, 1971	21.97	Dec. 28, 1972	22.21	Nov. 28, 1973	21.81
Mar. 26	23.57	Jan. 29, 1972	22.66	Jan. 25, 1973	24.27	Dec. 26	23.17
Apr. 28	23.58	Feb. 28	23.89	Apr. 27	24.03	Jan. 28, 1974	23.80
May 27	16.69	April 27	23.58	May 30	17.10	Mar. 29	23.40
June 24	14.40	May 16	15.88	June 27	14.70	Apr. 29	21.86
July 28	14.88	June 28	15.51	July 25	14.53	May 29	14.29
Aug. 27	12.71	July 27	14.51	Aug. 28	16.31	July 29	15.92
Sept. 27	16.19	Aug. 28	11.72	Sept. 27	17.59	Sept. 26	15.33
Oct. 28	19.27	Sept. 28	16.45	Oct. 29	20.27	Oct. 29	20.00
Nov. 29	20.93	Oct. 26	19.54				

San Juan County

San Juan River Area - Spanish Valley - La Sal Area

381322109235801. Local number (D-29k-23)33dbb-1. State application 13070. U.S. Bureau of Land Management. Drilled unused water-table well in Navajo Sandstone, diam 8 in (20 cm), depth 133 ft (41 m), cased to 6 ft (2 m). Lsd 5,670 ft (1,728 m) above msl. MP top of casing, at lsd. Highest water level 29.02 ft (8.85 m) below lsd, Oct. 12, 1954; lowest 40.29 ft (12.28 m) below lsd, Sept. 4, 1973. Records available: 1946-74.

Mar. 16, 1971	30.24	Mar. 22, 1972	29.56	Mar. 15, 1973	29.73	Mar. 11, 1974	29.78
Sept. 28	30.17	Sept. 6	30.52	Sept. 4	40.29	Sept. 19	35.02

380425109204021. Local number (D-31-23)24dbi-1. Formerly (D-31-23)24cbc-1. State application 33066. K. J. Summers. Drilled stock water-table well in Navajo Sandstone, diam 4 in (10 cm), depth 164 ft (50 m), casing depth unknown. Lsd 5,980 ft (1,823 m) above msl. MP top of casing, 2.00 ft (0.61 m) above lsd. Highest water level 63.64 ft (19.40 m) below lsd, Sept. 19, 1974; lowest 68.13 ft (20.77 m) below lsd, Mar. 22, 1972. Records available: 1966-74.

Mar. 16, 1971	64.46	Mar. 22, 1972	68.13	Mar. 15, 1973	64.38	Mar. 11, 1974	64.04
Sept. 28	66.80	Sept. 6	64.34	Sept. 4	63.85	Sept. 19	63.64

Sage Plain

375050109034801. Local number (D-34-26)4dad-1. State claim 8249. State Land Board. Drilled unused water-table well in Dakota Sandstone, diam 6 in (15 cm), depth 100 ft (30 m), casing depth unknown. Lsd 6,725 ft (2,050 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 28.36 ft (8.64 m) below lsd, Mar. 15, 1973; lowest 45.41 ft (13.84 m) below lsd, Oct. 30, 1953. Records available: 1946-51, 1953-74.

Mar. 16, 1971	35.04	Mar. 22, 1972	34.01	Mar. 15, 1973	28.36	Mar. 11, 1974	36.15
Sept. 28	37.20	Sept. 6	37.95	Sept. 5	32.79	Sept. 19	34.85

373725109284101. Local number (D-36-22)27ddb-2. M. F. Lyman. Drilled unused artesian well in Dakota Sandstone, diam 5 in (13 cm), depth 150 ft (46 m), cased to 34 ft (10 m). Lsd 6,100 ft (1,859 m) above msl. MP top of casing, 0.15 ft (0.05 m) below lsd. Highest water level 45.25 ft (13.79 m) below lsd, June 25, 1973; lowest 54.90 ft (16.73 m) below lsd, Sept. 25, 1946. Records available: 1942-74.

Jan. 25, 1971	46.70	Nov. 23, 1971	46.73	Sept. 25, 1972	46.50	July 23, 1973	45.75
Feb. 22	46.45	Dec. 27	46.70	Oct. 30	46.41	Aug. 24	45.92
Mar. 24	46.37	Jan. 25, 1972	46.70	Nov. 27	46.60	Sept. 5	46.03
Apr. 26	46.45	Feb. 23	46.59	Dec. 31	46.60	24	45.70
May 24	46.73	Mar. 22	46.08	Jan. 26, 1973	46.20	Oct. 25	45.84
June 24	47.01	April 26	46.54	Feb. 20	46.60	Nov. 26	45.35
July 22	46.58	May 26	46.70	Mar. 27	45.96	Dec. 18	45.63
Aug. 25	46.81	June 27	46.73	Apr. 26	46.41	Jan. 25, 1974	45.76
Sept. 27	46.45	Aug. 28	46.70	May 24	46.06	Mar. 11	45.90
Oct. 26	46.50	Sept. 6	46.41	June 25	45.25	Sept. 19	45.81

Sanpete County

Central Sevier Valley

(For other wells in this valley see Garfield, Piute, and Sevier Counties)

390834111534301. Local number (C-19-1)23bcc-1. State claim 1457. C. H. Beal. Drilled irrigation water-table well in alluvium, diam 12 in (30 cm), depth 186 ft (57 m), cased to 186 ft (57 m), perforated 50-186 ft (15-57 m). Lsd 5,500 ft (1,676 m) above msl. MP bottom of hole in pumpbase, 0.50 ft (0.15 m) above lsd. Highest water level 29.52 ft (9.00 m) below lsd, Dec. 6, 1945; lowest 39.22 ft (11.95 m) below lsd, Nov. 7, 1967. Records available: 1935-56, 1958-74. Mar. 8, 1971, 38.37; Oct. 15, 35.72; Oct. 4, 1972, 33.40; Mar. 1, 1973, 34.05; Oct. 15, 30.84; Mar. 14, 1974, 31.78; Oct. 2, 31.60.

390324111492401. Local number (D-20-1)20acc-2. State claim 6356. Federal Land Bank. Dug domestic and stock water-table well in alluvium, diam 4 ft (1 m), depth 66 ft (20 m), lined with rock. Lsd 5,160 ft (1,573 m) above msl. MP floor in pumphouse, at lsd. Highest water level 24.80 ft (7.56 m) below lsd, Oct. 15, 1971; lowest 48.52 ft (14.79 m) below lsd, Apr. 22, 1936. Records available: 1935-56, 1958-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 8, 1971	27.72	Mar. 1, 1972	27.77	Mar. 1, 1973	30.67	Mar. 14, 1974	28.09
Oct. 15	24.80	Oct. 4	25.40	Oct. 15	26.89	Oct. 2	27.38

Sanpete Valley

393123111364801. Local number (D-15-3)8cdc-3. State claim 13671. William Prestwich. Jetted stock artesian well in alluvium, diam $\frac{1}{4}$ in (3.8 cm), depth 75 ft (23 m), cased to 75 ft (23 m). Lsd 5,513 ft (1,660 m) above msl. MP top of well, on 3/4-in (1.9-cm) discharge pipe, 0.40 ft (0.12 m) above lsd. Highest water level 3.84 ft (1.17 m) above lsd, Mar. 27, 1954; lowest 0.30 ft (0.09 m) above lsd, Sept. 7, 1966. Records available: 1937-56, 1958-62, 1965-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 9, 1971	+2.48	Mar. 7, 1972	+2.37	Mar. 16, 1973	+2.65	Mar. 21, 1974	+2.80
Sept. 17	1.80	Sept. 28	1.38	Sept. 27	2.82	Sept. 18	3.24

393220111282701. Local number (D-15-4)4ddc-1. State claim 3606. Twin Creek Irrigation Co. Drilled irrigation artesian well in alluvium, diam 12 in (30 cm), depth 245 ft (75 m), cased to 245 ft (75 m), perforated 18-240 ft (5-73 m). Lsd 5,820.05 ft (1,773.95 m) above msl. MP bottom of inspection hole, 1.00 ft (0.30 m) above lsd. Highest water level 4.82 ft (1.47 m) below lsd, Aug. 11, 1942; lowest 31.62 ft (9.64 m) below lsd, Apr. 5, 1962. Records available: 1935-74. Mar. 9, 1971, 12.68; Mar. 7, 1972, 15.76; Mar. 15, 1973, 22.82; Mar. 20, 1974, 12.05; Oct. 10, 10.74.

392218111362401. Local number (D-16-3)32ddc-2. George L. Beal. Jetted unused artesian well in alluvium, diam $\frac{1}{4}$ in (3.8 cm), depth 145 ft (44 m), cased to 130 ft (40 m). Lsd 5,461.5 ft (1,664.7 m) above msl. MP top of bushing, 0.80 ft (0.24 m) above lsd. Highest water level 27.9 ft (8.5 m) above lsd, Aug. 19, 1952; lowest 3.57 ft (1.09 m) below lsd, June 18, 1936. Records available: 1935-74. The measurements for October through December 1970 have been revised; the correct measurements are included in the tables below.

Highest water level for the day, above lsd, from recorder graph, 1970

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+22.3	+21.4	+20.5	+20.2	+19.4	+20.8	+25.7	+25.6	+24.7	+23.4	+22.4	...
10	22.3	21.6	20.3	20.2	20.1	21.1	25.4	23.6	24.7	22.9	22.1	+21.1
15	22.4	21.2	20.1	19.8	19.4	22.8	26.2	25.1	24.0	23.1	22.2	...
20	22.0	20.9	20.6	19.6	18.8	23.8	26.1	23.5	24.0	23.2	22.0	+21.2
25	21.6	20.9	20.0	19.5	18.5	24.7	26.1	24.7	24.1	22.1	22.0	+21.0
Em	21.1	20.7	20.2	19.4	19.3	25.4	26.1	25.0	24.0	22.6	21.5	+21.0

1971

5	...	+20.3	...	+19.4	+19.0	+19.5	+23.5	+21.5	+20.8	+20.9	+19.3	+18.5
10		20.3	+19.5	19.2	19.1	20.0	23.0	20.5	21.3	20.6	19.9	...
15	+20.5	20.1	19.4	19.0	19.0	20.7	20.0	19.2	21.0	20.4	19.4	...
20	20.6	19.7	19.4	18.6	18.6	19.1	21.4	20.0	19.8	20.9	20.2	19.2
25	20.9	19.7	19.4	18.5	18.5	19.1	22.0	20.9	20.8	21.0	20.0	19.1
Em	20.7	...	19.5	18.9	19.0	22.5	20.0	21.0	20.5	19.4	18.9	18.3

1972

5	...	+18.0	+17.1	+17.0	+16.4	+16.1	+12.0	+10.6	+13.2	+14.5	+14.9	...
10	+18.3	17.8	17.4	16.8	16.0	16.8	11.1	11.8	14.5	14.7	15.1	...
15	18.4	17.5	17.2	16.5	16.0	17.2	11.4	9.6	15.0	14.7	15.0	...
20	18.4	17.5	17.1	16.3	16.0	17.6	10.6	11.9	15.0	14.9	14.9	+14.7
25	18.2	17.2	17.3	16.4	16.0	17.1	10.9	13.5	15.0	15.1	14.8	...
Em	18.1	17.6	16.9	16.2	16.2	15.8	11.3	13.2	14.5	15.1	14.8	12.2

1973

5	...	...	...	+12.5	+12.5	...	+24.6	+24.6	+23.7	+23.1	+22.4	...
10	...	...	...	12.6	13.2	...	24.8	24.7	23.6	22.9	22.3	+21.8
15	...	...	...	12.4	13.0	+20.7	24.7	24.5	23.8	22.8	22.5	21.5
20	...	...	...	12.0	12.5	13.6	24.6	24.8	23.8	22.6	22.0	...
25	...	...	...	11.4	12.5	14.8	23.0	24.2	23.3	22.7	22.7	...
Em	...	...	...	12.5	16.5	23.5	25.0	24.0	23.0	22.9	22.0	...

392218111362401--Continued.

1974

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+19.9	+19.1	+21.9	+24.0	+22.8	+20.5	+21.6	....	....
10	19.6	19.5	22.3	24.5	22.9	....	22.0	....	....
15	19.7	20.1	22.7	23.0	....	19.8	....	....	....
20	19.5	19.9	23.5	21.0	22.0	21.0	....	....	....
25	19.9	20.3	....	19.8	21.0	....	....	....	....
Em	+20.2	19.3	21.0	20.0	22.8	22.0	22.0	....	....	....

392047111354901. Local number (D-17-3)9c6d-1. State claims 4446 and 8260. S. E. Christensen. Drilled irrigation artesian well in alluvium, diam 10 in (25 cm), depth 285 ft (87 m), cased to 276 ft (84 m), perforated 80-240 ft (24-73 m). Lsd 5,518.8 ft (1,682.1 m) above ms1. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 12,449 ft (3.81 m) below lsd, Aug. 10, 1942; lowest 51.87 ft (15.81 m) below lsd, Apr. 24, 1936. Records available: 1935-56, 1958-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 10, 1971	28.58	Mar. 9, 1972	33.16	Mar. 16, 1973	39.75	Mar. 20, 1974	27.55
Sept. 16	24.38	Sept. 27	38.12	Sept. 26	18.54	Sept. 13	21.90

391636111381501. Local number (D-18-2)1daa-2. Grant Cox. Drilled irrigation artesian well in alluvium, diam 12 in (30 cm), depth 233 ft (71 m), cased to 233 ft (71 m). Lsd 5,555 ft (1,693 m) above ms1. MP top of innermost casing, 1.40 ft (0.43 m) above lsd. Highest water level 53.36 ft (16.26 m) below lsd, July 28, 1965; lowest 82.40 ft (25.12 m) below lsd, Sept. 16, 1966. Records available: 1963-74.

Mar. 10, 1971	76.40	Mar. 8, 1972	77.87	Mar. 15, 1973	81.95	Mar. 20, 1974	74.86
Sept. 16	69.46	Sept. 27	80.93	Sept. 26	65.45	Sept. 13	74.07

390941111422101. Local number (D-19-2)17aad-2. State claim 13463. W. G. Frischknecht. Jetted stock artesian well in alluvium, diam 2 in (5.1 cm), depth 97 ft (30 m), cased to 97 ft (30 m). Lsd 5,418 ft (1,651 m) above ms1. MP top of casing, 0.75 ft (0.23 m) above lsd. Highest water level 11.95 ft (3.64 m) above lsd, July 27, 1965; lowest 2.31 ft (0.70 m) above lsd, Apr. 24, 1961. Records available: 1935-37, 1961-74.

Mar. 8, 1971	+5.10	Mar. 6, 1972	+5.50	Mar. 15, 1973	+3.55	Mar. 19, 1974	+5.60
Sept. 16	9.60	Sept. 27	5.10	Sept. 26	4.90	Sept. 13	8.70

Sevier County

Central Sevier Valley

(For other wells in this valley see Garfield, Piute, and Sanpete Counties)

384757112002201. Local number (C-23-2)15dcb-4. State claim 1969. F. M. Jackson. Driven domestic and stock artesian well in alluvium, diam 2 in (5.1 cm), depth 75 ft (23 m), cased to 75 ft (23 m). Lsd 5,233.99 ft (1,595.32 m) above ms1. MP top of coupling, at lsd. Highest water level 9.7 ft (3.0 m) above lsd, Mar. 3, 1945; lowest 1.42 ft (0.43 m) above lsd, Aug. 30, 1960. Records available: 1935-49, 1951-74.

Mar. 10, 1971	+6.6	Mar. 1, 1972	+7.7	Mar. 5, 1973	+6.6	Mar. 15, 1974	+7.3
Oct. 6	5.1	Oct. 4	5.0	Oct. 15	7.7	Oct. 4	6.4

384618111593001. Local number (C-23-2)26cd8-1. State claim 323. N. C. Johnson. Jetted stock artesian well in alluvium, diam 4 in (10 cm), depth 48 ft (15 m), cased to 48 ft (15 m). Lsd 5,251.10 ft (1,600.54 m) above ms1. MP top of casing, 0.70 ft (0.21 m) below lsd. Highest water level 9.1 ft (2.8 m) above lsd, Dec. 8, 1952; lowest 0.5 ft (0.2 m) above lsd, Oct. 22, 1969. Records available: 1935-59, 1961-74. Mar. 8, 1971, +2.8; Oct. 16, +2.5; Oct. 4, 1972, +2.1; Mar. 5, 1973, +1.7; Oct. 12, +2.2; Mar. 22, 1974, +1.7; Oct. 10, +1.1.

Grass Valley

383115111512501. Local number (C-26-1)25acc-1. State claim 3159. A. R. Brown. Jetted stock artesian well in alluvium, diam 2 in (5.1 cm), depth 127 ft (39 m), cased to 50 ft (15 m). Lsd 6,862.9 ft (2,091.8 m) above ms1. MP top of ell, 1.20 ft (0.37 m) above lsd. Highest water level 18.5 ft (5.6 m) above lsd, Apr. 18, 1939; lowest 10.3 ft (3.1 m) above lsd, Mar. 18, 1965. Records available: 1935-56, 1958-74.

Mar. 10, 1971	+16.0	Mar. 2, 1972	+15.9	Mar. 7, 1973	+15.3	Mar. 22, 1974	+15.2
Oct. 18	15.2	Oct. 6	15.6	Oct. 3	15.0	Oct. 11	13.4

GROUND-WATER LEVELS, 1971-74, NORTHWESTERN STATES

Summit County

Rhodes Valley

404256111184501. Local number (D-1-6)19dad-1. State claim 3699. Paul Woolstenhulme. Dug unused water-table well in alluvium; size 5 x 5 ft (2 x 2 m); depth 35 ft (11 m); cribbed with concrete to 8 ft (2.4 m), previously reported 5 ft (1.5 m); 8-in (20-cm) casing 5-35 ft (2-11 m). Lsd 6,470+ ft (1,972+ m) above msl. MF top of 2- x 6-in (5.1 x 15-cm) plank, 0.30 ft (0.09 m) above lsd. Highest water level 0.81 ft (0.25 m) below lsd, Aug. 21, 1970; lowest 18.30 ft (5.58 m) below lsd, Apr. 3, 1953. Records available: 1938-60, 1952-74; Mar. 25, 1971, 13.17; Sept. 10, 1.40; Mar. 14, 1972, 12.36; Sept. 29, 6.88; Mar. 19, 1973, 13.68; Sept. 10, 0.98; Sept. 13, 1974, 1.95.

404023111184501. Local number (D-2-6)5dtb. Burton Peterson. Dug unused water-table well in alluvium, diam 8 in (20 cm), depth 10 ft (3 m), cased to 10 ft (3 m). Lsd 6,375+ ft (1,943+ m) above msl. MF top of casing, 0.70 ft (0.21 m) above lsd. Highest water level 2.28 ft (0.69 m) below lsd, June 4, 1941; lowest 8.94 ft (2.72 m) below lsd, Mar. 26, 1948. Records available: 1938-62, 1964-73. Measurement discontinued. Mar. 25, 1971, 7.60; Sept. 10, 4.63; Sept. 29, 1972, 5.82; Sept. 10, 1973, 3.98.

Tooele County

Rush Valley

402500112230001. Local number (C-5-5)2bcbl-1. Alma Young. Dug stock and domestic water-table well in alluvium, diam 5 ft (2 m), depth 34 ft (10 m), lined with rock. Lsd 5,010+ ft (1,527+ m) above msl. MF top of timber at discharge pipe, 1.00 ft (0.30 m) above lsd. Highest water level 23.11 ft (7.04 m) below lsd, Apr. 10, 1952; lowest 28.20 ft (8.60 m) below lsd, Aug. 27, 1963. Records available: 1935-55, 1957-74.

Date	Water level						
Mar. 9, 1971	24.79	Mar. 8, 1972	24.61	Mar. 8, 1973	24.50	Mar. 4, 1974	24.50
Sept. 14	25.04	Sept. 21	25.37	Sept. 23	24.29	Sept. 20	24.20

400406112271801. Local number (C-9-5)6bca-1. State claim 8285. Vernon Irrigation Co. Drilled unused artesian well in alluvium, diam 15 in (38 cm), depth 75 ft (23 m), cased to 60 ft (18 m). Lsd 5,575 ft (1,699 m) above msl. MF top of casing, at lsd. Highest water level 15.66 ft (4.77 m) below lsd, Feb. 18, 1939; lowest 22.02 ft (6.71 m) below lsd, May 13, 1960. Records available: 1936-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 11, 1971	19.41	Mar. 9, 1972	18.99	Mar. 8, 1973	19.38	Mar. 11, 1974	18.97
Sept. 14	21.24	Sept. 21	20.02	Sept. 25	19.38	Sept. 20	21.05

Skull Valley

401627112405701. Local number (C-6-7)19cccd-1. State application 24145. Charles A. Hymas. Drilled irrigation artesian well in alluvium, diam 10 in (25 cm), depth 116 ft (35 m), cased to 116 ft (35 m). Lsd 4,730 ft (1,442 m) above msl. MF top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 17.93 ft (5.47 m) below lsd, May 8, 1956; lowest 22.29 ft (6.79 m) below lsd, Sept. 14, 1967. Records available: 1954-74.

Date	Water level						
Mar. 3, 1971	20.01	Mar. 8, 1972	21.62	Mar. 9, 1973	19.40	Mar. 4, 1974	18.91
Sept. 20	21.43	Sept. 12	21.40	Sept. 24	20.35	Sept. 4	21.22

40183211240601. Local number (C-6-8)10caa-1. State application 25252. Harold B. Rowell. Drilled irrigation artesian well in alluvium, diam 12 in (30 cm), depth 176 ft (54 m), cased to 176 ft (54 m). Lsd 4,685 ft (1,428 m) above msl. MF top of casing, at lsd. Highest water level 17.75 ft (2.36 m) below lsd, Apr. 11, 1967; lowest 28.14 ft (8.58 m) below lsd, Sept. 4, 1974. Records available: 1956-74.

Date	Water level						
Mar. 3, 1971	23.90	Mar. 8, 1972	16.77	Mar. 9, 1973	15.84	Mar. 4, 1974	23.52
Sept. 20	19.68	Sept. 12	17.62	Sept. 23	21.43	Sept. 4	26.14

401312112442301. Local number (C-7-8)10cbd-1. Dogway Proving Ground. Drilled unused artesian well in alluvium, diam 8 in (20 cm), depth 175 ft (53 m), perforated 155-175 ft (47-53 m). Lsd 4,850 ft (1,478 m) above msl. MF top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 73.32 ft (22.35 m) below lsd, Jan. 26, 1951; lowest 93.67 ft (28.55 m) below lsd, Oct. 15, 1966. Records available: 1946, 1951-74.

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	89.57	88.93	88.42	.....	.....	88.00	88.39	89.40	89.75	89.39	88.71	88.42
10	89.41	88.82	88.34	.....	.....	87.93	88.59	89.48	89.66	89.26	88.67	88.43
15	89.41	88.69	88.35	.....	.....	88.03	88.80	89.58	89.61	89.05	88.60	88.42
20	89.25	88.59	88.17	.....	.....	88.09	88.11	89.64	89.47	89.07	88.54	.....
25	89.17	88.47	88.08	.....	.....	88.05	88.13	89.06	89.73	89.35	88.98	88.50
Eom	89.02	88.50	.....	88.04	88.04	88.31	89.20	89.74	89.37	88.84	88.47	.....

401312112442301--Continued.

1972

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	88.28	87.85	87.63	87.49	87.40	87.99	88.65	89.60	90.02	90.12	89.75	89.17
10	88.17	87.85	87.53	87.31	87.51	88.04	88.24	89.59	90.03	90.06	89.63	89.08
15	88.21	87.79	87.55	87.45	87.55	88.17	88.38	89.79	90.11	89.95	89.60	89.00
20	88.11	87.74	87.49	87.44	87.59	88.24	89.06	89.90	90.21	90.01	89.54	88.87
25	87.30	87.68	87.28	87.35	87.73	88.41	89.27	89.96	90.17	89.87	89.41	88.80
Em	88.02	87.63	87.37	87.47	87.83	88.52	89.43	90.04	90.11	89.85	89.27	88.63

1973

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	88.50	88.00	87.47	87.04	86.70	86.78	87.27	88.09	88.62	88.40	87.89	87.35
10	88.43	87.82	87.34	87.02	86.76	86.72	87.47	88.18	88.63	88.40	87.83	87.24
15	88.27	87.87	87.48	87.27	86.78	86.85	87.67	88.29	88.62	88.30	87.65	87.27
20	88.27	87.75	87.20	86.86	86.72	86.99	87.73	88.39	88.56	88.16	87.47	87.12
25	88.12	87.70	87.19	86.94	86.70	87.03	87.30	88.45	88.61	88.09	87.41	86.91
Em	87.82	87.55	87.13	86.76	86.67	87.12	88.03	88.53	88.48	87.88	87.39	86.94

1974

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	86.84	86.47	86.05	85.74	85.62	86.05	86.89	87.83	88.47	88.68	88.06	87.50
10	86.87	86.42	86.10	85.73	85.62	86.19	87.09	87.98	88.51	88.57	88.00	87.40
15	86.76	86.37	86.06	85.73	85.65	86.26	87.29	88.09	88.60	88.51	87.84	87.34
20	86.51	86.32	86.00	85.72	85.67	86.43	87.45	88.23	88.66	88.34	87.73	87.27
25	86.55	86.19	85.91	85.57	85.87	86.87	87.56	88.29	88.67	88.30	87.59	87.17
Em	86.53	86.12	85.87	85.63	85.96	86.73	87.74	88.37	88.69	88.15	87.56	87.20

Tooele Valley

404054112155901. Local number (C-2-4)baba-3. State application A-30003. Calera Mining Co. Drilled industrial artesian well in alluvium, diam 10 in (25 cm), depth 451 ft (137 m), perforated 329-336 ft (100-102 m). Lsd 4,236 ft (1,291 m) above msl. MP top of outlet pipe, 2.20 ft (0.67 m) above lsd. Highest water level 17.6 ft (5.4 m) above lsd, Sept. 5, 1974; lowest 9.0 ft (2.7 m) above lsd, Dec. 28, 1960. Records available: 1958-74.

Date	Water level						
Mar. 8, 1971	+10.6	Mar. 7, 1972	+14.0	Mar. 8, 1973	+14.8	Mar. 8, 1974	+15.7
Sept. 1	12.2	Sept. 21	14.7	Sept. 4	16.7	Sept. 5	17.6

403608112174501. Local number (C-2-4)33add-1. State claim 899. Ida Clegg. Drilled irrigation artesian well in alluvium, diam 6 in (15 cm), depth 165 ft (50 m), cased to 160 ft (49 m), perforated 60-100 ft (18-30 m). Lsd 4,417.92 ft (1,346.58 m) above msl. MP top of casing, 1.00 ft (0.30 m) below lsd. Highest water level 30.16 ft (9.19 m) below lsd, Apr. 9, 1950; lowest 57.49 ft (17.52 m) below lsd, Aug. 31, 1957. Records available: 1937-74.

Jan. 21, 1971	52.04	Jan. 28, 1972	50.76	Oct. 13, 1972	53.12	Oct. 30, 1973	46.46
Feb. 4	51.76	Feb. 29	49.90	Nov. 14	51.29	Jan. 10, 1974	43.28
Mar. 8	50.33	Mar. 7	49.12	Dec. 14	50.18	Feb. 21	41.94
18	50.34	Apr. 28	49.46	Jan. 18, 1973	49.15	Mar. 8	41.60
May 7	51.09	May 31	52.59	Feb. 21	48.16	Apr. 9	40.80
July 21	54.29	July 31	52.97	Mar. 8	47.86	June 24	42.50
Sept. 22	54.59	Aug. 24	54.77	Apr. 30	46.81	Sept. 6	44.36
Nov. 29	52.12	Sept. 21	54.58	Sept. 27	49.36	Nov. 26	38.27
Dec. 29	51.39						

404024112261801. Local number (C-2-5)Sacc-3. A. Searle. Jetted unused artesian well in alluvium, diam 3 in (7.6 cm), depth 153 ft (47 m), casing information not available. Lsd 4,214 ft (1,284 m) above msl. MP top of coupling, 1.00 ft (0.30 m) above lsd. Highest water level 0.19 ft (0.06 m) below lsd, Apr. 10, 1952; lowest 3.61 ft (1.10 m) below lsd, Sept. 6, 1974. Records available: 1940-42, 1944-53, 1955-74.

Mar. 10, 1971	0.51	Mar. 10, 1972	0.85	Mar. 12, 1973	0.34	Mar. 13, 1974	0.79
Sept. 2	1.61	Sept. 21	2.77	Sept. 6	2.67	Sept. 6	3.61

403539112282901. Local number (C-2-6)36dcc-1. E. C. Walk. Drilled unused artesian well in alluvium, diam 6 in (15 cm), depth 176 ft (54 m), cased to 166 ft (51 m). Lsd 4,373.7 ft (1,333.1 m) above msl. MP top of casing, 1.50 ft (0.46 m) above lsd. Highest water level 72.82 ft (22.20 m) below lsd, June 11, 1952; lowest 98.81 ft (30.12 m) below lsd, Oct. 7, 15, 1961. Records available: 1937, 1940-74.

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	89.07	88.87	88.78	88.00	86.28	86.40	90.05	91.84	92.33	90.55	89.30
10	.....	88.88	88.93	88.79	87.79	85.96	86.80	90.25	91.87	92.34	90.33	89.24
15	90.96	88.75	88.98	88.74	87.53	85.68	87.64	90.77	92.00	92.32	90.15	89.23
20	90.81	88.77	88.89	88.60	87.24	86.01	88.32	91.18	92.03	91.93	89.97	89.19
25	90.66	88.71	88.81	88.44	87.04	86.06	88.93	91.63	92.16	91.45	89.79	89.04
Em	89.18	88.80	88.77	88.34	86.73	86.28	87.57	91.83	92.25	90.95	89.57	89.01

403539112282901--Continued.

1972

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	88.87	88.07	87.61	87.19	86.64	85.83	88.46	91.35	93.11	93.61	....	91.18
10	88.71	88.09	87.50	87.17	86.63	85.82	88.95	91.81	....	93.58	....	90.95
15	88.59	87.97	87.52	87.12	86.34	85.91	89.45	92.22	....	93.71	92.05	90.77
20	88.41	87.89	87.40	86.97	86.39	86.57	90.00	92.45	....	93.78	91.86	90.62
25	88.21	87.76	87.29	86.72	86.16	87.32	90.48	92.56	93.52	93.74	91.63	90.57
Eom	88.07	87.64	87.40	86.72	85.93	87.88	91.01	92.43	93.56	93.68	91.40	90.43
1973												
5	90.35	89.42	88.95	87.88	87.47	85.75	86.49	89.23	91.22	91.55	89.64	89.18
10	90.25	89.24	88.74	87.82	87.16	85.80	87.14	89.54	91.40	90.95	89.58	89.05
15	90.07	89.20	88.69	87.83	86.98	85.88	87.68	89.87	91.29	90.54	89.47	88.95
20	89.95	89.16	88.39	87.84	86.70	85.90	88.10	90.20	91.48	90.22	89.36	88.82
25	89.77	89.12	88.30	87.82	86.42	85.90	88.47	90.53	91.57	90.00	89.28	88.63
Eom	89.56	89.04	88.02	87.68	85.87	86.02	88.89	91.02	91.58	89.11	89.24	88.55
1974												
5	....	87.86	87.39	e87.02	86.39	85.71	87.10	90.06	92.50	93.87	94.08	91.58
10	88.33	87.78	87.40	87.08	86.13	85.57	87.76	90.39	92.81	93.90	93.42	91.33
15	88.23	87.68	87.35	86.93	86.12	85.57	88.15	90.82	93.16	94.08	93.01	91.18
20	88.08	87.62	87.29	86.82	85.98	85.64	88.75	91.29	93.38	94.17	92.92	91.04
25	87.99	87.53	87.13	86.67	89.93	85.67	89.12	91.67	93.68	94.24	92.10	90.95
Eom	87.92	87.44	e87.07	86.60	85.87	86.48	89.75	92.13	93.89	94.24	91.78	90.94

e Estimated.

Uintah County

Uinta Basin

(For other wells in this basin see Duchesne County)

402718109313601. Local number (D-4-21)23dbb-2. State application 16752. Ella Preas. Drilled unused water-table well in alluvium, diam 4 in (10 cm), depth 18 ft (5 m), cased to 18 ft (5 m). Lsd 5,319.1 ft (1,621.3 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 7.26 ft (2.21 m) below lsd, Aug. 2, 1956; lowest 10.44 ft (3.18 m) below lsd, Jan. 16, 1953. Records available: 1948-73. Measurement discontinued. Mar. 9, 1971, 9.17; Sept. 2, 7.84; Mar. 2, 1972, 9.30; Aug. 1, 8.10; Oct. 18, 8.73; Jan. 23, 1973, 9.94.

402516109275401. Local number (D-4-22)32cd-1. Standard Oil of California. Drilled unused water-table well in alluvium, diam 6 in (15 cm), depth 56 ft (17 m), cased to 56 ft (17 m). Lsd 5,097.55 ft (1,653.73 m) above msl. MP top of casing, at lsd. Highest water level 0.05 ft (0.02 m) above lsd, Aug. 12, 1968; Aug. 12, 1969; lowest 3.83 ft (1.17 m) below lsd, Apr. 6, 1949. Records available: 1948-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 9, 1971	0.10	Aug. 2, 1972	0.00	June 14, 1973	0.00	June 19, 1974	0.00
Sept. 2, 1971	.00	Oct. 18, 1972	.01	Aug. 31, 1973	.01	Aug. 21, 1974	.00
Mar. 2, 1972	.02	Mar. 8, 1973	.08	Mar. 22, 1974	.05		

402449109313801. Local number (D-5-21)2dcbl-1. State application 18686. Leonard Cook. Formerly George C. Davis. Drilled stock water-table well in alluvium, diam 6 in (15 cm), depth 50 ft (15 m), cased to 50 ft (15 m). Lsd 5,410.4 ft (1,649.1 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 4.66 ft (1.42 m) below lsd, June 19, 1974; lowest 14.08 ft (4.29 m) below lsd, Mar. 21, 1969. Records available: 1948-52, 1954-74.

Mar. 9, 1971	13.03	Aug. 2, 1972	5.41	Mar. 8, 1973	13.22	Mar. 22, 1974	12.33
Sept. 2, 1971	6.96	Oct. 18, 1972	9.12	June 14, 1973	4.90	June 19, 1974	4.66
Mar. 2, 1972	13.04	Jan. 24, 1973	12.87	Aug. 31, 1973	7.05	Aug. 21, 1974	7.14

Utah County

Cedar Valley

401818112014501. Local number (C-6-2)14aba-1. Coop Security Corp. Drilled irrigation artesian well in alluvium, diam 16 in (41 cm), depth 1,258 ft (383 m), cased to 1,254 ft (382 m). Lsd 4,865.70 ft (1,483.07 m) above msl. MP top of casing, at lsd. Highest water level 109.06 ft (33.24 m) below lsd, Apr. 12, 1955; lowest 141.41 ft (43.10 m) below lsd, Aug. 15, 1965. Records available: 1954-55, 1963-74.

401818112014501--Continued.

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	121.03	120.98	120.91	120.95	120.75	123.06	124.87	123.28	121.82	121.66	121.25	121.02
10	121.00	121.07	120.93	120.85	120.83	123.31	125.00	122.82	121.75	121.46	121.25	120.99
15	121.15	120.97	120.93	120.84	120.78	123.83	125.22	122.50	121.67	121.27	121.13	120.95
20	121.11	120.87	120.92	120.80	120.69	124.18	125.43	122.26	121.60	121.38	121.23	120.99
25	121.10	120.89	120.85	120.79	120.97	124.43	124.94	122.11	121.47	121.22	121.15	120.82
Eom	121.09	120.91	120.85	120.83	122.20	124.71	123.91	121.85	121.43	121.24	121.05	121.00

1972

5	120.42	120.80	120.78	120.64	121.07	124.34	125.15	122.78	122.15	.....	121.54	121.17
10	120.86	120.83	120.75	120.64	122.00	124.32	125.15	122.43	122.22	.....	121.45	121.24
15	120.92	120.82	120.77	120.63	122.79	124.53	125.25	122.20	123.06	.....	121.40	121.27
20	120.85	120.83	120.73	120.62	123.29	124.62	124.78	122.07	124.15	.....	121.38	121.17
25	120.78	120.78	120.60	120.60	123.77	124.75	123.94	121.90	123.63	.....	121.40	121.17
Eom	120.79	120.75	120.71	120.63	124.16	124.97	123.22	122.11	123.07	.....	121.35	121.07

1973

5	121.03	120.88	120.63	120.63	120.46	121.38	123.99	125.45	123.92	123.39	.....	121.82
10	120.99	120.75	120.62	120.62	120.55	122.14	124.30	125.20	124.17	123.65	.....	121.74
15	120.97	120.60	120.63	120.55	120.80	122.77	124.36	125.00	124.25	123.38	.....	121.65
20	120.87	120.82	120.56	120.47	120.88	123.20	124.50	124.47	123.87	.....	122.11	121.59
25	120.89	120.72	120.63	120.57	120.82	123.52	125.05	123.99	123.23	.....	121.91	121.45
Eom	120.83	120.68	120.62	120.48	120.93	123.72	125.48	123.99	122.95	.....	121.89	121.36

1974

5	121.27	121.26	121.05	120.83	121.27	125.23	126.13	126.12	124.67	124.74	122.86	122.02
10	121.31	121.32	121.03	120.70	122.39	125.41	126.17	125.96	125.18	124.05	122.68	121.97
15	121.34	121.22	120.95	120.79	123.23	125.59	126.34	125.96	125.35	123.67	122.48	121.88
20	121.22	121.14	120.89	120.67	123.78	125.73	126.50	125.99	125.12	123.51	122.37	121.82
25	121.22	121.21	120.86	120.68	123.35	125.69	126.20	125.73	125.27	123.55	122.27	121.78
Eom	121.25	121.06	120.79	120.74	124.87	125.96	126.12	124.84	125.38	132.99	122.16	121.74

401600112054101. Local number (C-6-2)29cac-1. Marsh Williams. Drilled unused artesian well in alluvium, diam 4 in (10 cm), depth 350 ft (107 m), casing information not available. Lsd 4,888.37 ft (1,489.98 m) above msrl. MP top of sleeve on casing, at lsd. Highest water level 4,60 ft (1.40 m) above lsd, Dec. 31, 1952. Mar. 14, 1974; lowest 5.80 ft (1.77 m) below lsd, Nov. 9, 1964. Records available: 1943-50, 1952, 1954-56, 1958-74. Mar. 9, 1971, +3.70; Mar. 14, 1972, +1.65; Mar. 22, 1973, +1.27; Mar. 14, 1974, +4.60.

Goshen Valley

395848111571801. Local number (C-10-1)4bb-1. State application 34279. Latter-Day Saints Church. Drilled irrigation artesian well in alluvium, diam 20 to 16 in (51 to 41 cm), depth 882 ft (269 m), cased to 882 ft (269 m), perforated 525-860 ft (160-262 m). Lsd 4,672 ft (1,424 m) above msrl. MP hole in pumpbase, 0.80 ft (0.24 m) above lsd. Highest water level 149.29 ft (45.50 m) below lsd, Mar. 13, 1974; lowest (revised), 172.5 ft (52.6 m) below lsd, Aug. 16, 1962. Records available: 1962-74. Mar. 15, 1971, 159.48; Mar. 3, 1972, 161.96; Mar. 14, 1973, 152.24; Mar. 13, 1974, 149.29.

395316111590001. Local number (C-11-1)6bbd-1. State application 32870. Lazy "S" Ranch. Drilled irrigation artesian well in alluvium, diam 18 in (46 cm), depth 772 ft (235 m), cased to 762 ft (232 m), perforated 425-500 ft (130-152 m), 533-541 ft (182-169 m), 556-577 ft (169-176 m), 584-659 ft (178-201 m), 672-745 ft (205-227 m). Lsd 4,782.9 ft (1,457.8 m) above msrl. MP bottom edge of pipe, south side of pumpbase, 2.90 ft (0.88 m) above lsd. Highest water level 243.2 ft (74.1 m) below lsd, Mar. 21, 1964; lowest 271.64 ft (82.80 m) below lsd, Sept. 9, 1970. Records available: 1964-72, 1974. No measurement made in 1973. Mar. 16, 1971, 254.60; Oct. 6, 261.44; Mar. 3, 1972, 254.34; Mar. 13, 1974, 249.74.

Utah Lake Valley

402236111511501. Local number (D-5-1)20aba-1. State claim 6860. Jacob G. Cox. Jetted irrigation artesian well in alluvium, diam 3 in (7.6 cm), depth 292 ft (89 m), cased to 292 ft (89 m). Lsd 4,522.1 ft (1,378.3 m) above msrl. MP top of 3-in (7.6-cm) elbow, 1.00 ft (0.30 m) above lsd. Highest water level 60.4 ft (18.4 m) above lsd, Apr. 7, 1953; lowest 12.6 ft (3.8 m) above lsd, Sept. 20, 1961. Records available: 1935-74.

Highest water level for the day, above lsd, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+53.5	.....	+52.0	+49.5	+36.0	.....	+29.0	+33.5	+35.5	+45.3	.....
10	53.4	+53.0	50.0	48.0	37.0	.....	.....	34.0	.....	47.3	.....
15	53.5	53.0	49.0	48.5	37.5	.....	.....	.....	.....	47.8	.....
20	49.7	46.7	38.5	.....	.....	44.0	51.7	.....	.....
25	40.5	.....	.....	34.8	44.9	51.1	.....	.....
Eom	53.0	.....	.....	.....	.....	.....	44.9	.....	.....	.....

1972

5	.....	+56.9	.....	+53.7	.....	.....	.....	.....	+29.5	+33.4	39.8	+44.8
10	+56.7	56.6	.....	54.1	.....	+34.5	.....	.....	34.0	.....	47.3	.....
15	.....	56.7	.....	53.6	.....	35.9	.....	.....	35.3	39.0	.....	.....
20	55.4	56.7	+55.9	53.0	.....	35.9	.....	.....	36.0	40.1	.....	.....
25	55.7	56.6	55.6	51.1	.....	.....	+26.0	.....	-30.8	37.2	41.8	+5.0
Eom	55.4	56.4	56.2	.....	.....	.....	.....	.....	30.8	39.4	44.3	.....

GROUND-WATER LEVELS, 1971-74, NORTHWESTERN STATES

402236111511501--Continued.

1973

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	+51.1	+50.9	+51.8	+48.3	+36.1	....	....	+34.2	+40.0	+45.5	+53.0
10	+53.4	51.1	50.9	51.6	48.1	38.5	....	....	33.2	41.5	45.8	53.2
15	49.3	....	50.9	51.5	....	39.8	....	....	35.6	44.0	....	53.2
20	49.3	51.5	51.0	51.2	....	....	+37.1	....	36.6	44.0	48.0	53.0
25	50.5	51.0	51.5	51.4	....	....	37.8	....	36.8	44.0	51.5	53.8
Eom	51.4	50.9	51.7	50.9	....	....	36.7	....	39.2	44.5	53.0	53.0

1974

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+54.2	+54.5	+55.0	+54.2	+48.2	+35.0	....	....	+25.0	+28.0	+39.5	+48.0
10	54.5	54.2	....	54.5	44.8	....	....	....	28.0	31.8	42.0	49.0
15	54.2	54.1	....	54.5	....	37.0	....	....	33.0	41.0	48.0	....
20	54.2	54.0	....	54.5	....	....	....	....	35.5	42.0	48.2	....
25	55.2	54.8	54.2	54.6	....	....	....	....	36.0	44.0	....	....
Eom	54.0	55.0	54.2	53.2	36.0	....	....	....	....	38.5	....	....

402234111511502. Local number (D-5-1)20aba-2. State claim 6861. Jacob G. Cox. Jetted unused artesian well in alluvium, diam $2\frac{1}{2}$ to 2 in (6.4 to 5.1 cm), depth 154 ft (47 m), cased to 152 ft (46 m). Lsd 4,522.0 ft (1,378.3 m) above msl. MP top of 3/4-in (1.9-cm) eil, 1.50 ft (0.46 m) above lsd. Highest water level 37.9 ft (11.3 m) above lsd, Feb. 10, 1970; lowest 4.2 ft (1.3 m) above lsd, July 22, 1961. Records available: 1935-74.

Highest water level for the day, above lsd, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+34.9	....	+32.5	+30.3	+21.7	+18.5	+13.8	+19.0	....	+30.6	....
10	35.0	+34.8	....	30.2	16.9	16.0	13.5	19.9	....	....	....
15	34.8	34.9	....	28.7	20.5	16.7	14.2	20.1	....	31.1	....
20	34.5	34.8	....	26.2	18.7	15.3	15.3	20.7	....	31.6	....
25	21.9	....	15.7	16.7	20.6	....	32.2	....
Eom	+34.5	....	34.7	33.7	22.0	....	14.2	18.5	21.4	+27.5	32.7	+34.5

1972

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+33.7	+35.0	+36.0	+34.1	+27.5	+18.5	+13.8	+12.2	+16.0	+19.6	+27.1	+30.0
10	....	35.2	36.2	34.2	25.8	19.4	13.3	11.5	16.1	21.5	27.8	....
15	35.1	36.0	....	34.2	21.1	17.5	14.0	12.0	15.9	23.0	28.2	....
20	36.0	....	35.3	32.0	19.9	19.2	13.7	13.7	....	24.3	28.9	....
25	35.9	....	35.5	31.1	19.7	17.0	14.5	13.6	19.0	26.0	29.3	....
Eom	36.5	36.3	35.2	30.3	16.3	14.5	13.0	14.9	19.2	27.0	....	31.0

1973

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	+32.1	....	+29.5	+24.0	+19.1	+18.0	+22.0	+23.5	+30.0	+32.7
10	....	+31.5	32.7	+33.5	....	21.7	17.4	18.3	19.0	26.1	30.4	32.8
15	....	....	....	33.1	....	24.3	20.7	18.7	22.3	27.6	30.6	....
20	+30.5	31.6	....	33.0	....	20.0	22.3	20.2	23.0	28.1	31.5	....
25	....	31.5	33.0	34.0	....	....	22.9	21.5	23.5	28.6	32.1	33.5
Eom	31.5	32.0	33.9	33.0	26.0	16.5	19.0	21.0	26.0	29.2	32.5	33.6

1974

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+33.7	+34.3	+34.5	+34.0	+28.4	+19.5	+14.5	+15.8	+13.8	....	+25.0	+28.5
10	33.8	34.0	34.3	34.6	26.0	21.0	14.5	15.1	14.6	+18.5	25.2	29.0
15	33.9	34.1	....	34.2	24.0	20.5	13.0	14.5	15.4	20.1	....	....
20	34.0	34.2	....	35.4	24.2	18.5	12.5	13.1	14.5	20.9	....	29.3
25	34.2	34.3	34.5	35.0	20.8	19.5	15.0	14.9	15.0	22.4	28.5	29.5
Eom	34.0	34.4	34.2	34.0	20.5	17.5	14.5	14.5	15.9	24.0	28.2	29.7

402207111474001. Local number (D-5-1)23dab-3. State claim 17054. City of American Fork. Drilled unused artesian well in alluvium; diam 3 in (7.6 cm); depth 400 ft (122 m), previously reported 265 ft (81 m); cased to 400 ft (122 m), previously reported 265 ft (81 m). Lsd 4,566 ft (1,392 m) above msl. MP top of concrete trough, 2.40 ft (0.73 m) above lsd. Highest water level 32.60 ft (9.94 m) above lsd, Apr. 22, 1953; lowest 1.70 ft (0.52 m) below lsd, Jan. 5, 1962. Records available: 1940-74. Mar. 16, 1971, +25.50; Oct. 5, +18.20; Mar. 7, 1972, +25.30; Sept. 22, +6.60; Mar. 12, 1973, +22.10; Sept. 5, +19.30; Mar. 5, 1974, +24.35.

401623111433001. Local number (D-6-2)28bad-1. State claim 2087. Henry Williamson. Jetted irrigation artesian well in alluvium, diam 4 in (10 cm), depth 110 ft (34 m), cased to 110 ft (34 m). Lsd 4,516.8 ft (1,376.7 m) above msl. MP top of tee, 1.00 ft (0.30 m) above lsd. Highest water level 17.9 ft (5.5 m) above lsd, Dec. 14, 1965; lowest 3.8 ft (1.2 m) above lsd, Aug. 28, 1963. Records available: 1935-53, 1956-74. Mar. 16, 1971, +13.7; Oct. 6, +10.4; Mar. 8, 1972, +12.9; Sept. 22, +4.8; Mar. 6, 1973, +11.4; Sept. 5, +7.45; Mar. 7, 1974, +11.45.

South Utah Basin

400902111433701. Local number (D-8-2)4cba-2. State claim 10844. Mary G. Barney. Jetted irrigation artesian well in alluvium, diam 2 in (5.1 cm), depth 330 ft (101 m), cased to 330 ft (101 m). Lsd 4,501.09 ft (1,371.93 m) above msl. MP top of tee, 1.60 ft (0.49 m) above lsd. Highest water level 38.1 ft (11.6 m) above lsd, Dec. 16, 1952; lowest 17.0 ft (5.2 m) above lsd, Sept. 1, 1964. Records available: 1937-74. Mar. 17, 1971, +22.7; Oct. 6, +21.2; Mar. 9, 1972, +22.4; Sept. 26, +20.3; Mar. 7, 1973, +22.5; Sept. 5, +21.5; Mar. 8, 1974, +25.8.

400613111404401. Local number (D-8-2)23dca-2. State application 13726 and a-2435. Utah & Idaho Sugar Co. Drilled irrigation artesian well in alluvium, diam 8 in (20 cm), depth 569 ft (173 m), cased to 569 ft (173 m). Lsd 4,562 ft (1,391 m) above msl. MP top of flange on casing, 1.00 ft (0.30 m) above lsd. Highest water level 37.0 ft (11.3 m) above lsd, Dec. 16, 1952; lowest 8.7 ft (2.7 m) above lsd, Aug. 27, 1963. Records available: 1949-69, 1971-73. No measurement made in 1974. Oct. 10, 1971, +21.6; Sept. 26, 1972, +16.1; Sept. 5, 1973, +18.2.

40032z111440001. Local number (D-9-2)5ddc-2. State claim 1139. Payson City Corp. Jetted unused artesian well in alluvium, diam 3 in (7.6 cm), depth 170 ft (52 m), cased to 170 ft (52 m). Lsd 4,577 ft (1,395 m) above msl. MP top of tee, 1.00 ft (0.30 m) above lsd. Highest water level 20.2 ft (6.2 m) above lsd, Aug. 22, 1943; lowest 6.55 ft (2.00 m) above lsd, July 31, 1935. Records available: 1935-60, 1962-74. Mar. 10, 1971, +2.3; Oct. 11, +15.0; Mar. 11, 1972, +12.2; Sept. 26, +12.9; Mar. 8, 1973, +13.2; Sept. 5, +14.8; Mar. 11, 1974, +15.25.

Wasatch County

Heber Valley

403733111243801. Local number (D-2-5)20cca. Lee Bros. Dug unused water-table well in alluvium, diam 24 in (61 cm), depth 29 ft (9 m), lined with rock. Lsd 6,021.2 ft (1,835.3 m) above msl. MP top of well cover, 1.00 ft (0.30 m) above lsd. Highest water level 18.90 ft (5.76 m) below lsd, Apr. 16, 1952; lowest 29.00 ft (8.84 m) below lsd, Nov. 7, 1949, Dec. 16, 1952. Records available: 1936-72. Well filled with rocks; measurement discontinued. Mar. 25, 1971, 25.39; Sept. 10, 23.39; Mar. 24, 1972, 24.41; Sept. 29, 24.79.

403127111240301. Local number (D-3-5)29cac-1. Albert North. Dug domestic water-table well in alluvium, diam 4 ft (1 m), depth 15 ft (5 m), lined with rock. Lsd 5,608 ft (1,709 ft) above msl. MP top of concrete platform, 1.00 ft (0.30 m) above lsd. Highest water level 0.18 ft (0.05 m) below lsd, Sept. 13, 1974; lowest 10.82 ft (3.30 m) below lsd, Mar. 9, 1942. Records available: 1936-74.

Date	Water level						
Mar. 25, 1971	9.68	Mar. 14, 1972	9.66	Mar. 19, 1973	8.24	Mar. 21, 1974	9.12
Sept. 10	4.20	Sept. 29	3.97	Sept. 11	2.92	Sept. 13	.18

Washington County

Escalante Valley

(For other wells in this valley see Beaver and Iron Counties)

3736001113413201. Local number (C-37-16)6ccc-1. State applications A-15509 and a-2298. LeRoy Adams. Drilled irrigation artesian well in alluvium, diam 14 in (36 cm), depth 200 ft (61 m), cased to 200 ft (61 m). Lsd 5,285.2 ft (1,610.9 m) above msl. MP hole in pumpbase, 1.00 ft (0.30 m) above lsd. Highest water level 76.60 ft (23.35 m) below lsd, May 19, 1952; lowest 132.25 ft (40.31 m) below lsd, Oct. 3, 1968. Records available: 1945, 1947-74.

Mar. 5, 1971	116.20	Mar. 10, 1972	120.15	Mar. 26, 1973	123.58	Mar. 8, 1974	101.24
Oct. 5	124.02	Oct. 11	127.27	Oct. 11	125.95	Oct. 8	123.15

373521113421201. Local number (C-37-17)12bdc-1. Charles Sides. Drilled irrigation artesian well in alluvium, diam 14 in (36 cm), depth 73 ft (22 m), cased to 73 ft (22 m). Lsd 5,300 ft (1,615 m) above msl. MP hole in casing, 0.50 ft (0.15 m) above lsd. Highest water level 17.50 ft (5.33 m) below lsd, May 8, 1952; lowest 42.26 ft (12.88 m) below lsd, Oct. 12, 1961. Records available: 1941-74.

Mar. 5, 1971	36.84	Mar. 10, 1972	38.00	Mar. 26, 1973	29.15	Mar. 5, 1974	33.26
Oct. 5	38.60	Oct. 11	38.46	Oct. 11	31.00	Oct. 8	37.00

Virgin River Valley

371350113214601. Local number (C-41-13)7ccb-1. State application 17859. Clair Sterling. Drilled irrigation artesian well in alluvium, diam 12 in (30 cm), depth 98 ft (30 m), casing information not available. Lsd 3,460 ft (1,055+ m) above msl. MP top of casing, 1.50 ft (.46 m) above lsd. Highest water level 0.14 ft (0.04 m) below lsd, June 2, 1952; lowest 13.10 ft (3.99 m) below lsd, Dec. 7, 1956. Records available: 1947-62, 1965-74. Mar. 18, 1971, 3.45; Oct. 20, 6.10; Mar. 2, 1972, 4.45; Oct. 17, 9.51; Apr. 3, 1973, 7.22; Mar. 12, 1974, 2.70.

370650113380201. Local number (C-42-16)22cba-1. State application 18001. Clyde Graff. Drilled irrigation artesian well in alluvium, diam 16 in (41 cm), depth 92 ft (28 m), cased to 92 ft (28 m). Lsd 2,725 ft (831+ m) above msl. MP top of casing, 2.00 ft (0.61 m) above lsd. Highest water level 16.36 ft (4.99 m) below lsd, Mar. 25, 1966; lowest 33.40 ft (10.18 m) below lsd, Nov. 4, 1966. Records available: 1947-74. Mar. 19, 1971, 27.52; Mar. 3, 1972, 27.75; Apr. 3, 1973, 22.76; Sept. 27, 21.20; Mar. 20, 1974, 20.04.

GROUND-WATER LEVELS, 1971-74, NORTHWESTERN STATES

370722113361801. Local number (C-42-16)24bba-1. State application 20557. Bryon Thornton. Drilled industrial artesian well in alluvium, diam 4 in (10 cm), depth 185 ft (56 m), casing information not available. Lsd 2,885 ft (879+ m) above msl. MP top of casing, 2.50 ft (0.76 m) above lsd. Highest water level 16.75 ft (5.11 m) below lsd, Oct. 17, 1972; lowest 35.43 ft (10.80 m) below lsd, Dec. 2, 1955. Records available: 1949-59, 1961-62, 1964-68, 1970-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 18, 1971	18.50	Mar. 3, 1972	12.17	Mar. 26, 1973	17.92	Mar. 20, 1974	17.65
Oct. 19	20.18	Oct. 17	16.75	Sept. 28	18.92	Oct. 9	17.39

Wayne County

Fremont Valley

381940111253501. Local number (D-28-4)36cdb-1. V. A. Lee. Drilled unused water-table well in alluvium, diam 6 in (15 cm), depth 112 ft (34 m), cased to 112 ft (34 m). Lsd 6,860+ ft (2,091+ m) above msl. MP top of coupling, at lsd. Highest water level 8.14 ft (2.48 m) below lsd, June 8, 1937; lowest 15.27 ft (4.65 m) below lsd, Mar. 20, 1956. Records available: 1936-42, 1944-56, 1958-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 15, 1971	12.69	Mar. 2, 1972	12.71	Mar. 7, 1973	11.73	Mar. 21, 1974	11.67
Oct. 19	13.59	Oct. 11	12.59	Oct. 2	13.06	Sept. 30	13.08

381820111300501. Local number (D-29-4)8bbd-1. State claim 19179. Reed Maxfield. Drilled domestic artesian well in alluvium, diam 6 in (15 cm), depth 92 ft (28 m), cased to 92 ft (28 m). Lsd 6,880+ ft (2,097+ m) above msl. MP top of casing, 8.00 ft (2.44 m) below lsd. Highest water level 8.72 ft (2.66 m) below lsd, Sept. 25, 1964; lowest 20.33 ft (6.20 m) below lsd, Mar. 16, 1953. Records available: 1948-56, 1958-64, 1968-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 15, 1971	18.15	Mar. 2, 1972	18.30	Mar. 7, 1973	18.22	Mar. 21, 1974	18.40
Oct. 19	12.70	Oct. 10	12.70	Oct. 3	14.58	Sept. 30	15.44

Weber County

East Shore Area

(For other wells in this area see Box Elder and Davis Counties)

411322112001101. Local number (B-6-1)30cca-1. State claim 1030. California Packing Corp. Drilled unused artesian well in alluvium, diam 10 in (25 cm), depth 756 ft (230 m), cased to 756 ft (230 m), perforated 224-250 ft (68-76 m). Lsd 4,317.12 ft (1,315.86 m) above msl. MP concrete floor, at lsd. Highest water level 26.90 ft (8.20 m) below lsd, June 8, 1953; lowest 41.17 ft (12.55 m) below lsd, Sept. 30, 1974. Records available: 1943-74.

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	37.31	.....	36.99	36.85	37.15	37.92	38.62	38.75	.....	.....	.....
10	36.79	37.34	.....	36.95	36.90	37.23	37.96	38.68	38.73	.....	.....	.....
15	37.52	37.28	.....	36.99	36.82	37.35	38.13	38.98	38.67	.....	.....	.....
20	37.43	37.13	37.08	37.04	36.27	37.43	38.30	39.17	38.62	.....	.....	.....
25	37.43	37.11	36.97	36.92	37.03	37.60	38.43	39.28	38.68	.....	.....	.....
Eom	37.39	.....	36.84	36.91	37.05	37.81	38.62	38.88	38.56	.....	.....	.....

1972

5	36.55	36.25	35.90	35.45	36.10	36.95	37.64	37.76	37.17	36.80	36.83	
10	36.55	36.20	35.84	35.55	36.12	37.09	37.74	37.60	37.08	36.78	36.90	
15	36.88	36.49	36.18	35.74	35.80	36.31	37.20	37.87	37.70	37.05	36.77	36.98
20	36.68	36.45	36.10	35.67	35.87	36.51	37.20	37.84	37.60	36.92	36.80	36.86
25	36.53	36.35	35.95	35.57	35.85	36.59	37.44	37.89	37.40	36.92	36.89	36.81
Eom	36.48	36.28	36.04	35.53	36.01	36.73	37.53	37.92	37.31	36.93	36.92	36.64

1973

5	36.54	36.07	35.93	35.88	35.69	.....	.....	.....	37.54	36.86	36.36
10	36.42	35.92	.....	35.88	35.80	.....	.....	.....	37.41	36.79	36.36
15	36.38	35.92	.....	35.71	35.94	.....	.....	.....	37.32	36.63	36.26
20	36.20	35.98	.....	35.69	36.12	.....	.....	.....	37.19	36.50	36.24
25	36.17	35.97	35.79	35.78	35.96	.....	.....	.....	37.10	36.37	36.16
Eom	36.07	35.94	35.73	35.72	.....	.....	.....	.....	36.95	36.39	36.03

1974

5	35.96	35.69	35.39	35.62	36.20	37.14	38.67	40.19	40.86	40.88	.....	.....
10	35.96	35.72	35.40	35.57	36.48	37.11	38.87	40.29	41.01	40.64	.....	.....
15	36.00	35.66	35.41	35.62	36.74	37.38	39.22	40.35	41.09	41.11	.....	.....
20	35.86	35.52	35.38	35.62	36.79	37.59	39.43	40.52	41.11	41.15	.....	.....
25	35.78	35.55	35.41	35.80	36.84	38.05	39.64	40.63	41.15	41.15	.....	.....
Eom	35.76	35.50	35.45	36.07	36.94	38.43	40.03	49.74	41.17	39.67	e39.30	e38.80

e Estimated.

411730112010201. Local number (B-6-2)lbaa-3. State application 14082. J. D. Brown. Jetted domestic and stock artesian well in alluvium, diam 2 in (5.1 cm), depth 617 ft (188 m) below 617 ft (188 m). Lsd 4,276.8 ft (1,303.6 m) above msl. MP top of tee, 1.50 ft (0.46 m) above lsd. Highest water level 41.0 ft (12.5 m) above lsd, Dec. 11, 1943; lowest 5.2 ft (1.6 m) above lsd, Sept. 25, 1974. Records available: 1943-74.

Date	Water level						
Mar. 3, 1971	+12.0	Mar. 9, 1972	+15.8	Mar. 5, 1973	+12.9	Mar. 4, 1974	+15.9
Sept. 30	10.6	Sept. 21	12.5	Sept. 13	12.0	Sept. 25	5.2

411606112013901. Local number (B-6-2)11d-1. State claim 5631. Jerome Wheeler Jetted stock
artesian well in alluvium, diam 2 in (5.1 cm), depth 285 ft (87 m), cased to 285 ft (87 m). Lsd
4,241.62 ft (1,292.85 m) above msl. MP top of ell, 3.20 ft (0.98 m) above lsd. Highest water
level 27.4 ft (8.4 m) above lsd. Feb. 26, Mar. 26, May 26, 1953; lowest 11.3 ft (3.4 m) above lsd,
Nov. 7, 1957. Records available: 1937-74. Mar. 3, 1971, +18.2; Mar. 13, 1972, +19.1; Mar. 2,
1973, +19.5; Mar. 4, 1974, +17.1.

411406112093501. Local number (B-6-3)26bbb-1. State claim 7505. Don Wilson. Jetted domestic and stock artesian well in alluvium, diam 2 in. (5.1 cm), depth 512 ft (156 m), cased to 512 ft (156 m). Lsd 4,219.3 ft (1,286.0 m) above msl. MP top of tee, 1,500 ft (0.46 m) above lsd. High-water level 33.5 ft (10.2 m) above lsd, May 1, 1940; lowest 12.2 ft (3.7 m) above lsd, Sept. 25, 1974. Records available: 1935-57, 1959-74.

Mar. 3, 1971 +15.1	Mar. 9, 1972 +15.4	Mar. 2, 1973 +14.9	Mar. 4, 1974 +14.5
Sept. 29 14.4	Sept. 20 13.4	Sept. 12 13.2	Sept. 25 12.2

41174811574401. Local number (B-7-1)33baa-5. State claim 16832. J. P. Spackman. Jetted irrigation artesian well in alluvium, diam 4 in (10 cm), depth 126 ft (38 m), cased to 126 ft (38 m). Lsd 4,489 ft (1,368 m) above msl. MP top of reducer, 1.00 ft (0.30 m) above lsd. Highest water level 53.2 ft (16.2 m) above lsd, Sept. 12, 1973; lowest 3.2 ft (1.0 m) above lsd, July 12, 1961. Records available: 1943-74; Mar. 2, 1971, +18.8; Sept. 30, +35.4; Mar. 9, 1972, +17.3; Sept. 20, +29.9; Mar. 5, 1973, +12.4; Sept. 12, +53.2; Mar. 4, 1974, +26.0.

Ogden Valley

411616119483201. Local number (A-6-1)11c1pc. U.S. Geol. Survey. Drilled observation artesian well in alluvium, diam. 8 in (20 cm), depth 354 ft (108 m), cased to 354 ft (108 m), with a wooden plug at 210 ft (64 m) separating upper aquifer from a lower aquifer (water levels are from upper aquifer). Lsd. 4,916 ft (1,498 m) above msl. MP top of casing, 3.00 foot (0.91 m) above lsd. Highest water level 13.47 ft (4.11 m) below lsd, June 22, 1964; lowest 70.84 ft (21.59 m) below lsd, Dec. 16, 1956. Records available: 1953-74. Measurement discontinued March 1974.

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	57.44	48.68	46.83	39.77	43.05	36.97	35.74	39.58	36.60	35.73	33.93	34.01
10	56.35	47.26	46.42	31.50	42.76	36.72	36.20	40.15	37.00	30.25	33.90	34.08
15	55.51	47.73	46.17	24.93	42.12	36.58	36.77	40.86	37.42	34.62	33.73	33.79
20	53.06	46.98	45.04	41.63	40.53	36.67	37.36	36.65	37.95	34.08	33.92	33.78
25	50.97	46.62	45.08	43.38	44.60	40.22	38.07	35.83	38.55	34.69	33.95	33.37
Eom	49.64	46.52	41.94	43.29	37.77	35.75	38.66	36.23	39.10	33.89	33.76	33.08

1972

5	32.85	31.72	31.40	41.46	40.87	36.77	37.87	40.30	43.23	38.88	35.85	36.58
10	32.64	31.87	29.89	41.19	40.30	36.53	39.80	40.08	43.54	35.82	35.60	37.08
15	32.76	31.92	29.88	40.13	40.61	36.48	39.78	40.75	43.85	35.83	35.88	37.67
20	32.71	31.74	....	39.80	42.32	36.62	39.83	41.38	44.06	35.90	36.12	37.85
25	31.86	32.11	40.48	40.40	36.26	36.75	40.40	42.02	35.31	36.12	41.28	38.18
Eom	31.66	32.23	40.89	40.73	37.12	37.69	41.18	42.75	35.28	36.08	36.52	38.79

1973

5	39.18	41.12	43.33	43.44	29.78	31.57	32.87	36.63	40.92	36.87	35.78	38.38
10	39.47	42.47	43.62	42.07	32.86	31.56	33.74	37.34	41.17	34.20	38.12	38.43
15	39.98	42.23	43.42	43.98	33.13	31.37	34.44	38.17	41.32	33.48	35.82	39.21
20	40.08	42.78	43.27	39.22	32.87	31.44	34.90	38.98	41.55	34.74	37.43	39.60
25	40.64	43.06	42.78	35.22	32.07	31.57	35.13	39.63	41.71	34.68	37.78	39.90
Eom	41.15	43.46	46.49	32.63	31.57	32.13	35.93	40.55	41.96	35.59	37.94	39.64

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References

- Arnow, Ted, 1971, Hydrologic framework, in Environmental geology of the Wasatch Front: Utah Geol. Assoc. Pub. 1, p. C1-C7.
- Baker, C. H. Jr., 1974, Water resources of the Curlew Valley drainage basin, Utah and Idaho: Utah Dept. Nat. Resources Tech. Pub. 45.
- Bjorklund, L. J., and McGreevy, L. J., 1971, Ground-water resources of Cache Valley, Utah and Idaho: Utah Dept. Nat. Resources Tech. Pub. 36.
- Bjorklund, L. J., and McGreevy, L. J., 1974, Ground-water resources of the lower Bear River drainage basin, Box Elder County, Utah: Utah Dept. Nat. Resources Tech. Pub. 44.
- Bolke, E. L., and others, 1973, Ground-water conditions in Utah, spring of 1973: Utah Div. Water Resources Coop. Inv. Rept. 12.
- Bolke, E. L., and Price, Don, 1972, Hydrologic reconnaissance of the Blue Creek Valley area, Box Elder County, Utah: Utah Dept. Nat. Resources Tech. Pub. 37.
- Bolke, E. L., and Waddell, K. M., 1972, Ground-water conditions in the East Shore area, Box Elder, Davis, and Weber Counties, Utah: Utah Dept. Nat. Resources Tec. Pub. 35.
- Cordova, R. M., and others, 1971, Ground-water conditions in Utah, spring of 1971: Utah Div. Water Resources Coop. Inv. Rept. 9.
- Cordova, R. M., Sandberg, G. W., and McConkie, Wilson, 1972, Ground-water conditions in the central Virgin River Basin, Utah: Utah Dept. Nat. Resources Tech. Pub. 40.
- Covington, H. R., 1972, Map showing springs in the Salina quadrangle, Utah: U.S. Geol. Survey Miscellaneous Geologic Inv. Map I-591-G, scale 1:250,000.
- Hely, A. G., Mower, R. W., and Harr, C. A., 1971, Water resources of Salt Lake County, Utah: Utah Dept. Nat. Resources Tech. Pub. 31.
- Hely, A. G., Mower, R. W., and Harr, C. A., 1971, Summary of water resources of Salt Lake County, Utah: Utah Dept. Nat. Resources Tech. Pub. 34.
- Hite, R. J., and Lohman, S. W., 1973, Geologic appraisals of Paradox Basin salt deposits for waste emplacement: U.S. Geol. Survey open-file rept.
- Hood, J. W., 1971, Hydrologic reconnaissance of Hansel Valley and northern Rozel Flat, Box Elder County, Utah: Utah Dept. Nat. Resources Tech. Pub. 33.
- Hood, J. W., 1971, Hydrologic reconnaissance of the Park Valley area, Box Elder County, Utah: Utah Dept. Nat. Resources Tech. Pub. 30.
- Hood, J. W., 1971, Hydrologic reconnaissance of the Promontory Mountains area, Box Elder County, Utah: U.S. Geol. Survey open-file rept.
- Kister, L. R., 1973, Quality of ground water in the Lower Colorado River Region, Arizona, Nevada, New Mexico, and Utah: U.S. Geol. Survey Hydrol. Inv. Atlas HA-478.
- McGreevy, L. J., and Bjorklund, L. J., 1971, Geohydrologic sections, Cache Valley, Utah and Idaho: U.S. Geol. Survey open-file rept.
- McGregor, E. E., Van Horn, Richard, and Arnow, Ted, 1974, Map showing the thickness of loosely packed sediments and the depth to bedrock in the Sugar House quadrangle, Salt Lake County, Utah: U.S. Geol. Survey Miscellaneous Inv. Map I-766-M.
- Mower, R. W., 1973, Map showing concentration of dissolved solids in water from the principal aquifer, Sugar House quadrangle, Salt Lake County, Utah: U.S. Geol. Survey Miscellaneous Geologic Inv. Map I-766-K.
- Mower, R. W., 1973, Map showing configuration of the potentiometric surface of the principal aquifer and its approximate position relative to land surface, Sugar House quadrangle, Salt Lake County, Utah: U.S. Geol. Survey Miscellaneous Geologic Inv. Map I-766-L.
- Mower, R. W., 1973, Map showing depth to top of the principal aquifer, Sugar House quadrangle, Salt Lake County, Utah: U.S. Geol. Survey Miscellaneous Geologic Inv. Map I-766-J.
- Mower, R. W., 1973, Map showing thickness of saturated Quaternary deposits, Sugar House quadrangle, Salt Lake County, Utah: U.S. Geol. Survey Miscellaneous Geologic Inv. Map I-766-H.
- Mower, R. W., and Cordova, R. M., 1973, Ground water in the Milford area, Utah: Utah Geol. Assoc. Pub. 3, p. 63-71.
- Mower, R. W., and Cordova, R. M., 1974, Water resources of the Milford area, Utah, with emphasis on ground water: Utah Dept. Nat. Resources Tech. Pub. 43.
- Mower, R. W., and Van Horn, Richard, 1973, Map showing minimum depth to water in shallow aquifers (1963-72) in the Sugar House quadrangle, Salt Lake County, Utah: Geol. Survey miscellaneous Geologic Inv. Map I-766-I.
- Mundorff, J. C., 1971, Nonthermal springs of Utah: Utah Geological and Mineralogical Survey Water Resource Bull. 16.
- Price, Donald, 1972, Map showing general availability of ground water in the Salina quadrangle, Utah: U.S. Geol. Survey Miscellaneous Geologic Inv. Map I-591-M, scale 1:250,000.
- Price, Donald, 1972, Map showing general chemical quality of ground water in the Salina quadrangle, Utah: U.S. Geol. Survey Miscellaneous Geologic Inv. Map I-591-K, scale 1:250,000.
- Price, Don, and Arnow, Ted, 1974, Summary appraisals of the nation's ground-water resources--Upper Colorado Region: U.S. Geol. Survey Prof. Paper 813-C.
- Price, Don, and Miller, L. L., 1974, Hydrologic reconnaissance of the southern Uinta Basin, Utah and Colorado: Utah Dept. Nat. Resources Tech. Pub. 49.
- Price, Don, and Waddell, K. M., 1973, Selected hydrologic data in the Upper Colorado River Basin: U.S. Geol. Survey Hydrol. Inv. Atlas HA-477.
- Robinson, G. B. Jr., 1971, Ground-water hydrology of the San Pitch River drainage basin, Sanpete County, Utah: U.S. Geol. Survey Water-Supply Paper 1896.
- Stephens, J. C., 1973, Hydrologic reconnaissance of the northern Great Salt Lake Desert and summary hydrologic reconnaissance of northwestern Utah: Utah Dept. Nat. Resources Tech. Pub. 42.
- Stephens, J. C., 1974, Hydrologic reconnaissance of the Wah Wah Valley drainage basin, Millard and Beaver Counties, Utah: Utah Dept. Nat. Resources Tech. Pub. 47.
- Stephens, J. C., and Hood, J. W., 1972, Hydrologic reconnaissance of Pilot Valley, Utah and Nevada: Utah Dept. Nat. Resources Tech. Pub. 41.
- Stephens, J. C., and others, 1974, Ground-water conditions in Utah, spring of 1974: Utah Div. Water Resources Coop. Inv. Rept. 13.
- Sumison, C. T., 1971, Water resource investigations in Dinosaur National Monument, Utah-Colorado, fiscal year 1970: U.S. Geol. Survey open-file rept.
- Sumison, C. T., and Bolke, E. L., 1972, Water resources of part of Canyonlands National Park, southeastern Utah: U.S. Geol. Survey open-file rept.
- Sumison, C. T., and others, 1972, Ground-water conditions in Utah, spring of 1972: Utah Div. Water Resources Coop. Inv. Rept. 10.

WASHINGTON

The State-Federal observation-well program in Washington was continued during the period 1971 through 1974 in cooperation with the U.S. Bureau of Reclamation and the Washington State Department of Ecology. Figure 8 shows the location of 177 observation wells included in this report.

Well-Numbering System

Wells are numbered according to their latitude-longitude location, as explained on page 1. Local well numbers are also given.

Wells are numbered locally in accordance with the U.S. Bureau of Land Management's system of land subdivision. For example, in the well number 25/43-15Pl the part before the hyphen indicates township and range (T.25 N., R.43 E.) north and east of the Willamette base line, the letter N indicating north is omitted. The letter E is omitted for those ranges east of the Willamette meridian, but W is included when the range lies west of the Willamette meridian. The first digit after the hyphen indicates the section (sec. 15); the letter P gives the 40-acre subdivision of the section. The last digit is the serial number of the well in that particular 40-acre tract. Thus, the first well recorded in the SE&SW sec.15, T.25 N., R.43 E. would have the number 25/43-15Pl. The diagram below shows the 40-acre subdivision of a section.

D	C	B	A
E	F	G	H
M	L	K	J
N	P	Q	R

Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum, unless otherwise indicated. When some measurements in a table are above and others below the plane of reference, a plus (+) or minus (-) sign is placed immediately before the first entry in each column. Measurements between plus signs are above the plane of reference, and those between minus signs are below the plane of reference.

Adams County

464603119085201. Local number 15/29-26C1. Brick Patterson. Othello. Drilled domestic water-table well in basalt, diam 6 in (15 cm), depth 257 ft (78 m), cased to 150 ft (46 m). Lsd about 1,030 ft (314 m) above msl. Mt top of sanitary seal on casing at $\frac{1}{4}$ -in (1.3-cm) hole, at lsd. Highest water level 79.25 ft (24.18 m) below lsd, Feb. 29, 1972; lowest 197.91 ft (60.32 m) below lsd, Apr. 2, 1969. Records available: 1960-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1971	a247.8	Feb. 29, 1972	79.25	Jan. 9, 1973	146.32	Dec. 5, 1973	100.05
Mar. 3	166.8	Apr. 18	147.55	Mar. 16	114.08	Jan. 16, 1974	111.29
Apr. 28	147.40	June 14	116.45	May 16	136.75	Mar. 12	101.00
June 23	163.17	Aug. 2	148.75	June 27	136.7	Sept. 4	116.76
Aug. 18	110.59	Sept. 26	107.95	Aug. 8	109.02	Oct. 7	131.25
Oct. 5	110.79	Nov. 28	118.05	Oct. 3	104.54	Dec. 3	142.13
Dec. 27	135.32						

a Well being pumped.

464740118444001. Local number 15/32-13D1. State of Washington, Department of Highways. Drill-ed unused water-table well in basalt, diam 12 in (30 cm), depth 602 ft (183 m), cased to 63 ft (19 m). Lsd about 1,216 ft (371 m) above msl. Mt top of sanitary seal at $\frac{1}{4}$ -in (1.3-cm) hole, at lsd. Highest water level 170.12 ft (51.85 m) below lsd, Nov. 25, 1962; lowest 188.61 ft (57.49 m) below lsd, Oct. 5, 1971. Records available: 1962-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1971	176.2	Feb. 29, 1972	178.33	Mar. 14, 1973	179.92	Mar. 11, 1974	177.11
Mar. 2	176.4	Apr. 18	178.53	May 16	180.33	May 13	180.84
Apr. 28	177.1	June 13	180.78	June 25	182.40	July 8	181.73
June 23	178.4	Aug. 2	179.58	Aug. 8	181.14	Sept. 9	181.74
Aug. 18	178.4	Sept. 26	179.92	Oct. 1	181.66	Oct. 10	182.27
Oct. 5	188.61	Nov. 28	a176.78	Dec. 7	186.88	Dec. 2	181.46
Dec. 27	177.7	Jan. 9, 1973	179.88	Jan. 18, 1974	180.45		

a Well being pumped.

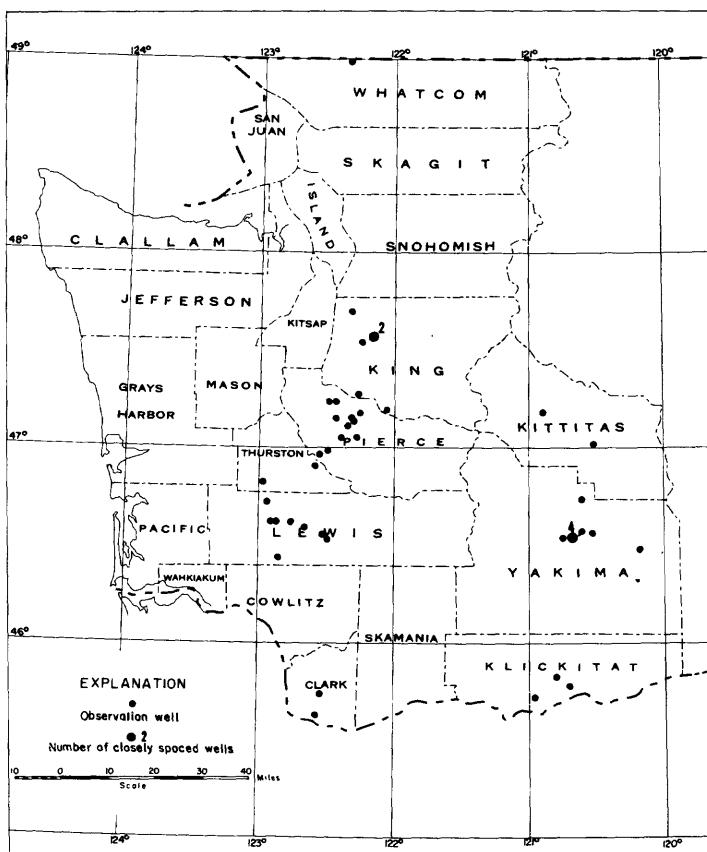
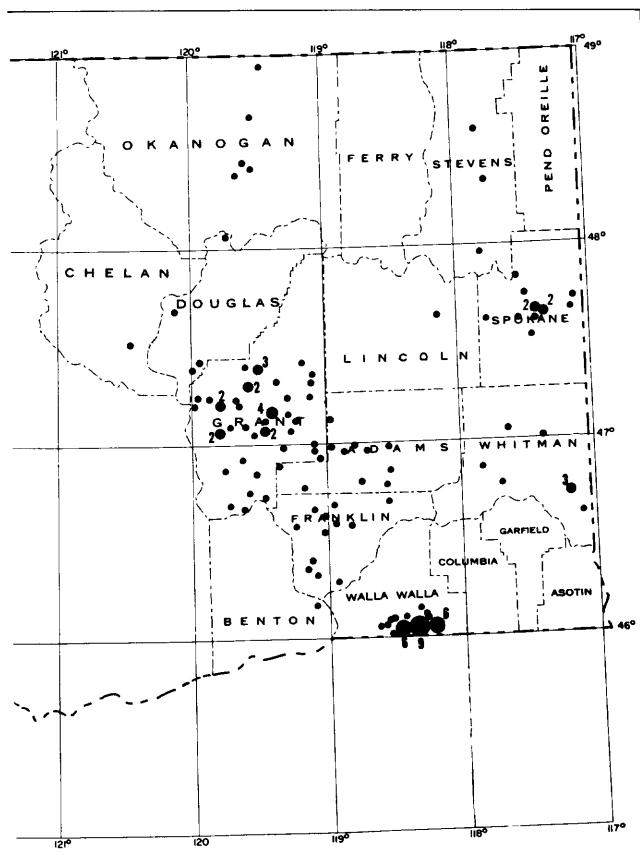


Figure 8.--Location of observation



wells in Washington, 1971-74.

464800118321001. Local number 15/34-10M1. Zelma Williams. Dug unused water-table well in basalt, diam 4 ft (1 m), depth 125 ft (38 m), cased to 125 ft (38 m). Lsd about 1,554 ft (474 m) above msl. MP bottom of 4 x 6-in (10- x 15-cm) beam in manhole, at lsd. Highest water level 90.38 ft (27.55 m) below lsd, July 20, 1956; lowest 94.88 ft (28.92 m) below lsd, July 20, 1961. Records available: 1955-72. Measurement discontinued. Mar. 2, 1971, 91.40; June 23, 91.04; Oct. 5, 91.29; Feb. 29, 1972, 91.19; Apr. 18, 91.65.

465443118213001. Local number 16/28-6C1. L. G. Hjelm. Othello. Drilled domestic water-table well in basalt, diam 6 in (15 cm), depth 365 ft (111 m), casing information not available. Lsd about 1,062 ft (324 m) above msl. MP top of sanitary seal at 4-in (1.3-cm) hole, at lsd. Highest water level 41.83 ft (12.75 m) below lsd, Sept. 2, 1970; lowest 104.53 ft (31.86 m) below lsd, May 24, 1961. Records available: 1960-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1971	45.67	Feb. 29, 1972	49.78	Mar. 14, 1973	50.42	Jan. 16, 1974	49.85
Mar. 3	44.53	Apr. 18	55.48	May 16	50.98	Mar. 13	50.13
Apr. 28	49.77	June 14	55.78	June 27	48.87	May 15	50.20
June 23	47.77	Aug. 2	49.16	Aug. 8	48.98	July 10	47.30
Aug. 18	44.43	Sept. 26	52.06	Oct. 3	46.18	Sept. 9	46.10
Oct. 5	45.92	Nov. 28	47.55	Dec. 5	47.29	Dec. 4	47.29
Dec. 27	54.00	Jan. 9, 1973	50.05				

465020118313001. Local number 16/34-34A1. Frank Gehring. Colfax. Drilled unused water-table well in basalt, diam 6 in (15 cm), depth 128 ft (39 m), casing information not available. Lsd about 1,590 ft (485 m) above msl. MP top of casing, at lsd. Highest water level 118.16 ft (36.02 m) below lsd, June 23, 1971; lowest dry, Feb. 29, 1972. Records available: 1962-72. Well dry; measurement discontinued. Jan. 7, 1971, 125.9; Mar. 2, 118.62; June 23, 118.16; Oct. 5, 127.22; Feb. 29, 1972, dry.

465910118581001. Local number 17/31-6F1. D. E. Phillips. Formerly Hugh Phillips. Lind. Drilled domestic water-table well in basalt, diam 6 in (15 cm), depth 129 ft (39 m), casing information not available. Lsd about 1,217 ft (371 m) above msl. MP top of sanitary seal on casing, 1.00 ft (0.30 m) below lsd. Highest water level 28.11 ft (8.57 m) below lsd, Dec. 3, 1974; lowest 72.87 ft (22.21 m) below lsd, May 25, 1954. Records available: 1954-74.

Jan. 4, 1971	30.98	June 13, 1972	a36.09	June 27, 1973	32.51	May 14, 1974	32.21
Apr. 28	31.24	Aug. 2	34.13	Aug. 8	30.50	July 9	31.24
Aug. 18	32.71	Sept. 26	29.26	Oct. 4	28.48	Sept. 3	29.16
Dec. 28	30.98	Nov. 28	28.82	Dec. 5	29.40	Oct. 7	28.45
Feb. 29, 1972	32.35	Mar. 14, 1973	31.99	Jan. 16, 1974	30.17	Dec. 3	28.11
Apr. 18	a35.86	May 16	36.83	Mar. 12	31.55		

a Well being pumped.

465910118462001. Local number 17/32-3R1. Julius A. Franz. Drilled unused water-table well in basalt, diam 6 in (15 cm), depth 335 ft (102 m), casing information not available. Lsd about 1,635 ft (498 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 301.05 ft (91.76 m) below lsd, Apr. 18, 1972; lowest 310.19 ft (94.55 m) below lsd, Feb. 29, 1972. Records available: 1962-72. Measurement discontinued.

Jan. 6, 1971	307.2	June 23, 1971	305.99	Oct. 5, 1971	306.18	Feb. 29, 1972	310.19
Mar. 2	306.52	Aug. 18	306.50	Dec. 27	305.0	Apr. 18	301.05
Apr. 28	305.53						

465700118510001. Local number 17/32-19E1. The Milwaukee Road. Roxboro. Drilled unused water-table well in basalt, diam 6 in (15 cm), depth 258 ft (79 m), casing information not available. Lsd about 1,260 ft (384 m) above msl. MP top of timber curb, 0.20 ft (0.06 m) above lsd. Highest water level 104.96 ft (31.99 m) below lsd, Jan. 29, 1963; lowest 165.55 ft (50.46 m) below lsd, Oct. 10, 1974. Records available: 1962-74.

Jan. 6, 1971	143.3	Feb. 29, 1972	134.38	Mar. 14, 1973	135.98	Mar. 3, 1974	151.10
Mar. 2	139.40	Apr. 18	134.32	May 16	137.09	May 13	157.04
Apr. 28	144.02	June 13	134.99	June 25	134.94	July 8	160.70
June 23	133.98	Aug. 2	138.55	Aug. 8	133.25	Sept. 4	162.45
Aug. 18	146.98	Sept. 26	147.18	Oct. 4	138.62	Oct. 10	165.55
Oct. 5	145.05	Nov. 28	148.05	Dec. 7	155.94	Dec. 2	165.17
Dec. 27	136.2	Jan. 9, 1973	134.02	Jan. 18, 1974	153.6		

465730118410001. Local number 17/33-17R1. D. E. Phillips. Formerly Godfrey Meikle. Drilled unused water-table well in basalt, diam 10 in (25 cm), depth 105 ft (32 m), cased to 80 ft (24 m). Lsd about 1,310 ft (399 m) above msl. MP top of casing cap at 3/8-in (.37-cm) hole, at lsd. Highest water level 33.49 ft (10.21 m) below lsd, Oct. 7, 1974; lowest 47.32 ft (14.42 m) below lsd, Jan. 29, 1965. Records available: 1963-74.

Jan. 7, 1971	36.82	Feb. 29, 1972	36.54	Mar. 14, 1973	36.19	Mar. 11, 1974	34.66
Mar. 2	36.71	Apr. 18	37.68	May 16	39.29	May 13	34.42
Apr. 28	36.75	June 13	36.43	June 25	34.23	July 8	34.48
June 23	36.17	Aug. 2	35.20	Aug. 8	34.59	Sept. 3	34.58
Aug. 18	35.58	Sept. 26	35.08	Oct. 5	35.09	Oct. 7	33.49
Oct. 5	35.61	Nov. 28	35.19	Dec. 7	35.28	Dec. 2	a85.05
Dec. 27	36.32	Jan. 9, 1973	35.58	Jan. 18, 1974	34.55		

a Well being pumped.

465824118354903. Local number 17/34-7N1. City of Lind. Drilled public-supply water-table well in basalt, diam 16 to 12 in (41 to 30 cm), depth 686 ft (209 m), cased to 75 ft (23 m). Lsd about 1,404 ft (428 m) above msl. MP top edge of pumpbase at northeast corner of 3/4-in (1.9-cm) hole, 0.50 ft (0.15 m) above lsd. Highest water level 76.97 ft (23.46 m) below lsd, Mar. 20, 1956; lowest 143.92 ft (43.87 m) below lsd, Sept. 15, 1960. Records available: 1955-74.

465824118354903--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1971	120.29	Feb. 29, 1972	133.12	Mar. 14, 1973	133.03	Mar. 11, 1974	126.55
Mar. 3	126.09	Apr. 16	134.69	May 16	137.48	May 13	125.93
Apr. 28	132.28	June 13	138.32	June 25	138.92	July 8	131.00
June 23	137.22	Aug. 2	137.04	Aug. 8	139.85	Sept. 3	135.15
Aug. 18	139.07	Sept. 26	140.07	Oct. 5	139.94	Oct. 7	135.26
Oct. 5	139.59	Nov. 28	137.01	Dec. 7	136.64	Dec. 2	131.77
Dec. 27	139.07	Jan. 9, 1973	139.09	Jan. 18, 1974	133.47		

470746118580401. Local number 19/31-1981. James W. Phillips. Drilled unused water-table well in Yakima Basalt of Columbia River Basalt Group, diam 6 in (15 cm), depth 219 ft (67 m), casing information not available. Lsd about 1,454 ft (443 m) above msl. MP top south edge of cover under rock, 0.32 ft (0.10 m) above lsd. Highest water level 182.72 ft (55.69 m) below lsd, Feb. 28, 1972; lowest 187.00 ft (57.00 m) below lsd, Mar. 22, 1939. Records available: 1939-72. Measurement discontinued. Mar. 8, 1971, 183.07; Oct. 4, 182.92; Feb. 28, 1972, 182.72.

Benton County

461243119061301. Local number 8/29-2a2. Martin G. Garber. Kennewick. Dug domestic water-table well in gravel, diam 4 ft (1 m), depth 75 ft (23 m), lined with concrete to 75 ft (23 m). Lsd about 402 ft (123 m) above msl. MP top north side of concrete curb, 0.80 ft (0.24 m) above lsd. Highest water level 61.87 ft (18.86 m) below lsd, Aug. 10, 1948; lowest 74.36 ft (22.66 m) below lsd, Apr. 28, 1970. Records available: 1948-73. Measurement discontinued.

Jan. 22, 1971	67.1	Sept. 23, 1971	65.68	May 18, 1972	67.60	Apr. 9, 1973	67.86
Feb. 25	67.3	Nov. 8	66.76	July 11	66.8	June 3	67.0
Apr. 15	67.4	Dec. 22	66.65	Aug. 24	66.17	Aug. 3	67.5
June 21	67.97	Feb. 23, 1972	67.4	Dec. 14	67.13	Sept. 21	66.4
Aug. 10	68.40	Mar. 31	68.8 _c	Feb. 9, 1973	67.72	Nov. 8	66.0

Chelan County

473110120282001. Local number 23/19-4E2. City of Cashmere. Sunset Ave. and Paton St. Dug public-supply water-table well in sand and gravel, diam 6 ft (2 m), depth 24 ft (7 m), lined with concrete. Lsd about 784 ft (239 m) above msl. MP top of concrete deck at southeast corner of man-way, at lsd. Highest water level 9.8 ft (3.0 m) below lsd, Feb. 7, 1972; lowest 21.70 ft (6.61 m) below lsd, Sept. 4, 1957. Records available: 1945-74.

Jan. 4, 1971	15.4	June 4, 1971	15.9	Nov. 5, 1971	17.2	Apr. 10, 1972	13.7
8	14.0	7	15.8	12	17.2	14	14.0
13	15.9	9	16.2	15	17.1	17	14.3
15	13.8	11	16.1	19	17.2	21	14.8
18	13.7	14	16.2	22	17.2	24	15.0
22	14.8	18	16.5	26	17.2	28	15.3
25	14.7	21	16.6	30	17.3	May 1	15.5
29	14.2	25	16.6	30	17.3	8	15.2
Feb. 1	13.2	28	16.6	30	17.3	12	15.0
5	13.7	July 2	16.5	30	17.4	15	14.8
8	13.9	6	16.3	6	17.5	19	15.0
12	14.2	9	16.6	13	17.1	22	14.8
15	13.7	12	16.6	17	17.3	26	15.2
19	13.7	16	16.9	20	17.4	30	15.1
22	13.9	19	17.0	24	17.4	31	15.3
24	14.1	23	17.2	31	17.4	31	15.3
26	14.2	26	17.2	31	17.4	32	15.4
Mar. 1	14.5	30	17.3	7	16.4	5	15.3
5	14.8	Aug. 2	17.3	10	17.0	9	15.5
8	15.0	4	17.3	15	16.6	12	15.2
12	15.1	6	17.3	17	16.7	16	15.5
15	15.4	13	17.7	21	15.8	23	16.0
19	15.6	16	17.7	24	15.5	26	15.7
22	15.7	20	17.9	28	15.1	30	16.2
26	15.7	23	17.9	31	12.2	July 30	16.4
29	15.8	27	17.9	31	12.2	14	16.4
Apr. 2	15.7	Sept. 3	17.3	Feb. 1	16.6	18	16.3
5	15.6	7	17.3	4	10.2	18	16.3
9	15.3	10	17.1	7	9.8	20	16.4
12	15.2	13	17.3	12	13.4	21	16.4
16	15.2	16	17.6	14	14.2	24	16.2
19	15.3	17	17.6	18	13.0	28	16.6
21	15.1	20	17.3	22	13.3	31	16.5
23	15.4	23	17.5	25	13.6	Aug. 4	16.5
26	15.5	27	17.5	28	11.8	7	16.6
29	15.1	Oct. 1	17.1	Mar. 6	11.4	11	16.9
3	14.6	11	17.1	10	11.2	14	16.7
7	15.1	8	17.2	17	11.4	18	16.4
10	15.3	11	17.2	20	11.4	21	16.3
14	15.3	15	17.3	24	12.0	25	16.8
17	15.1	18	17.2	27	12.6	Sept. 5	16.8
21	15.6	22	17.9	29	12.9	8	17.2
24	15.7	26	17.0	31	13.0	10	16.8
28	16.0	29	17.1	Apr. 4	13.3	13	17.1
June 1	15.8	Nov. 1	17.2	7	13.4	18	16.8

473110120282001--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 22, 1972	16.6	Feb. 2, 1973	17.0	June 4, 1973	18.2	Sept. 28, 1973	17.0
25	16.6	5	17.2	8	18.1	Oct. 1	16.9
29	16.6	9	17.2	11	18.0		16.9
Oct. 6	16.6	12	17.4	15	17.9		16.7
13	16.5	16	17.4	18	17.6		16.6
20	16.4	20	17.4	22	19.6		16.5
27	16.3	23	17.5	25	17.6		16.4
30	16.3	26	17.5	29	17.3		16.2
Nov. 3	16.2	Mar. 5	17.3	July 2	17.5		16.0
6	16.6	9	17.2	6	17.8	Nov. 2	15.9
10	16.7	12	17.0	9	18.0		15.9
13	16.7	16	17.1	13	18.0		15.9
17	16.8	19	17.2	16	18.1		15.7
20	16.8	23	17.3	20	18.6		15.2
24	16.9	26	17.3	23	18.9		15.2
27	16.9	30	17.4	27	19.1		15.3
Dec. 1	17.0	Apr. 2	17.4	30	19.3		15.4
4	17.0	6	17.5	Aug. 3	19.7		15.6
8	16.8	9	17.5	6	19.8		15.5
11	16.5	13	17.6	10	19.9	Dec. 3	15.2
15	16.9	16	17.7	13	20.0		15.1
18	17.1	20	17.8	17	19.9		15.1
22	16.8	23	17.9	20	19.9		15.1
26	16.8	27	17.9	24	19.9		14.9
29	16.2	30	17.9	27	19.8		14.6
Jan. 1, 1973	16.4	May 4	17.8	31	19.9		14.6
5	16.4	7	17.9	Sept. 4	19.4		14.8
8	16.4	14	17.8	7	19.3	Feb. 6, 1974	12.23
12	15.1	18	17.8	10	19.0		14.67
15	15.5	21	17.7	14	19.0	June 7	14.96
19	16.3	25	18.0	17	19.0	Aug. 8	16.27
22	16.5	29	17.8	21	18.0	Oct. 10	16.84
26	16.8	June 1	18.0	24	17.3	Dec. 12	16.90
29	16.9						

Clark County

453719122362401. Local number 2/2-30Q1. James E. Hutton. Drilled unused water-table well in unknown aquifer, diam 12 in (30 cm), reported depth 257 ft (78 m), cased to 257 ft (78 m). Lsd about 295 ft (90 m) above ms1. MP top of casing, 0.80 ft (0.24 m) above lsd. Highest water level 215.17 ft (65.58 m) below lsd, Apr. 5, 1965; lowest 225.2 ft (68.6 m) below lsd, Aug. 31, 1971. Records available: 1955-73. Measurement discontinued.

Jan. 20, 1971	216.9	Aug. 31, 1971	225.2	Apr. 12, 1972	216.38	Dec. 12, 1972	216.40
Mar. 9	216.0	Oct. 4	216.91	June 13	217.37	Feb. 13, 1973	220.33
Apr. 13	215.6	Dec. 29	215.20	Aug. 15	216.65	Apr. 10	220.54
June 2	215.2	Feb. 9, 1972	216.18	Oct. 19	216.37	June 19	217.60
July 14	215.6						

454615122323301. Local number 3/2-3B2. Town of Battleground. Drilled unused water-table well in gravel, diam 12 in (30 cm), depth 153 ft (47 m), cased to 153 ft (47 m). Lsd about 284 ft (87 m) above ms1. MP top northwest side of casing, 1.50 ft (0.46 m) above lsd. Highest water level 44.25 ft (13.49 m) below lsd, May 23, 1960; lowest 64.84 ft (19.76 m) below lsd, June 19, 1973. Records available: 1955-73. Measurement discontinued.

Jan. 20, 1971	45.9	Aug. 31, 1971	63.1	Apr. 13, 1972	47.98	Dec. 12, 1972	62.65
Mar. 9	48.6	Oct. 4	52.85	June 13	53.70	Feb. 13, 1973	60.30
Apr. 14	49.4	Dec. 29	48.0	Aug. 15	62.95	Apr. 10	57.90
June 2	59.1	Feb. 9, 1972	51.15	Oct. 19	63.34	June 19	64.84
July 14	60.8						

Douglas County

472330119560101. Local number 22/23-22C1. Roy Gutschow. Palisades. Drilled irrigation water-table well in unknown aquifer, diam 10 in (25 cm), depth 122 ft (37 m), casing information not available. Lsd about 1,700 ft (518 m) above ms1. MP slot in casing under pump, 0.90 ft (0.27 m) above lsd. Highest water level 97.96 ft (29.86 m) below lsd, Mar. 18, 1968; lowest 121.75 ft (37.11 m) below lsd, July 15, 1970. Records available: 1963-73. Measurement discontinued.

Jan. 11, 1971	116.48	Oct. 4, 1971	ac117.22	July 19, 1972	112.10	June 25, 1973	a118.30
Feb. 22	117.07	Dec. 2	113.22	Sept. 11	114.84	Aug. 21	a124.94
Apr. 19	a107.35	Jan. 31, 1972	111.69	Nov. 6	113.62	Oct. 12	a122.72
June 7	c109.50	Mar. 27	111.19	Jan. 19, 1973	113.17	Dec. 3	114.32
Aug. 2	c112.89	May 22	110.65	Apr. 24	111.79		

a Well being pumped.

c Nearby well being pumped.

472600119520001. Local number 23/23-36G1. Palisades Irrigation District. Dug unused water-table well in gravel, diam 72 to 40 in (183 to 102 cm), depth 154 ft (47 m), lined with concrete to 152 ft (46 m). Lsd about 1,035 ft (315 m) above msl. MP top of I-beam pump support, 3.00 ft (0.91 m) above lsd. Highest water level 134.44 ft (40.98 m) below lsd, June 29, 1959; lowest 146.79 ft (44.74 m) below lsd, Oct. 12, 1970. Records available: 1943, 1953-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 11, 1971	143.61	Dec. 2, 1971	144.06	Sept. 11, 1972	145.57	Oct. 12, 1973	145.84
Feb. 22	142.02	Jan. 31, 1972	142.50	Nov. 6	145.36	Dec. 3	142.96
Apr. 19	141.37	Mar. 27	142.16	April 26, 1973	142.30	Apr. 3, 1974	145.94
June 7	142.34	May 22	142.82	June 25	150.52	Oct. 22	142.74
Sept. 13	145.78	July 19	a146.52	Aug. 21	a150.52		

a Well being pumped.

473840120041001. Local number 25/22-21J1. City of Waterville, well 2. Drilled unused water-table well in basalt, diam 10 in (25 cm), depth 591 ft (180 m), cased to 536 ft (163 m), perforated 30-45 ft (9-14 m). Lsd about 2,620 ft (799 m) above msl. MP top of casing, at lsd. Highest water level 22.07 ft (6.73 m) below lsd, May 26, 1972; lowest 126.02 ft (38.41 m) below lsd, Aug. 5, 1968. Records available: 1954-73. Measurement discontinued.

Jan. 22, 1971	32.67	Oct. 7, 1971	38.84	July 21, 1972	27.79	June 18, 1973	34.92
Mar. 18	26.86	Nov. 29	29.56	Sept. 29	28.83	Aug. 7	49.18
May 3	25.15	Feb. 4, 1972	38.90	Nov. 10	27.12	Oct. 25	28.64
Aug. 9	70.79	Mar. 30	38.92	Jan. 4, 1973	22.23	Dec. 3	23.50
Sept. 16	73.2	May 26	22.07	May 4	26.62		

480434119435401. Local number 30/25-29D1. Roy G. Westerdahl. Dug irrigation water-table well in sand and gravel, diam 42 in (107 cm), depth 47 ft (14 m), lined with concrete to 47 ft (14 m). Lsd about 794 ft (242 m) above msl. MP top of concrete curbing, 1.50 ft (0.46 m) above lsd. Highest water level 5.98 ft (1.82 m) below lsd, Feb. 11, 1969; lowest 40.02 ft (12.20 m) below lsd, Jan. 21, 1964. Records available: 1954-73. Measurement discontinued.

Jan. 18, 1971	9.38	Oct. 4, 1971	9.14	July 27, 1972	a7.49	June 26, 1973	a9.89
Mar. 15	8.40	Dec. 3	9.91	Sept. 11	a10.63	Aug. 8	a10.10
May 5	29.06	Jan. 31, 1972	10.30	Nov. 6	9.79	Oct. 11	7.38
June 16	at.65	Mar. 27	6.99	Jan. 2, 1973	9.82	Dec. 5	6.72
Aug. 10	a8.35	May 22	6.29	Apr. 24	a10.48		

a Well being pumped.

Franklin County

461705118570001. Local number 9/31-4N1. James W. Rogers. Pasco. Drilled domestic water-table well in basalt, diam 6 in (15 cm), depth 343 ft (105 m), casing information not available. Lsd about 658 ft (201 m) above msl. MP top of sanitary seal at 3/8-in (.37-cm) hole, 3.80 ft (1.16 m) below lsd. Highest water level 267.2 ft (81.4 m) below lsd, Nov. 25, 1974; lowest 292.01 ft (89.00 m) below lsd, Apr. 18, 1961. Records available: 1961-74.

Feb. 3, 1971	275.6	Jan. 27, 1972	270.5	Jan. 23, 1973	280.8	Jan. 29, 1974	280.5
Mar. 31	272.2	Mar. 28	268.9	Mar. 28	283.1	Mar. 26	268.6
May 16	271.2	May 23	268.7	May 22	271.8	May 30	269.4
July 28	270.95	July 24	284.9	July 25	267.9	July 24	276.1
Sept. 20	273.72	Sept. 28	268.8	Sept. 28	280.5	Sept. 23	268.7
Nov. 30	274.09	Nov. 29	268.03	Nov. 29	271.0	Nov. 25	267.2

462030119062001. Local number 10/30-19C1. Andrus & Roberts Produce Co. Drilled industrial water-table well in basalt, diam 6 in (15 cm), depth 295 ft (120 m), casing information not available. Lsd about 500 ft (152 m) above msl. MP top of plate in casing, 0.60 ft (0.18 m) above lsd. Highest water level 104.90 ft (31.97 m) below lsd, Mar. 27, 1974; lowest 134.94 ft (41.13 m) below lsd, Nov. 7, 1960. Records available: 1960-74.

Feb. 4, 1971	107.55	April 3, 1972	b118.27	Mar. 29, 1973	109.29	Mar. 27, 1974	104.90
Mar. 29	109.12	May 22	119.92	May 21	110.4	May 31	109.12
July 27	109.29	July 27	a135.7	July 27	a137.1	July 7	112.3
Sept. 23	106.94	Sept. 25	131.25	Oct. 1	116.97	Sept. 9	108.14
Dec. 1	106.78	Nov. 29	114.94	Nov. 30	111.26	Nov. 27	105.24
Jan. 28, 1972	109.20	Jan. 29, 1973	111.30	Feb. 4, 1974	107.56		

a Well being pumped.

b Well pumped recently.

462337119092201. Local number 11/29-34J1. Benson and Ransom. Formerly Norman Churchill. Drilled domestic water-table well in gravel, diam 6 in (15 cm), depth 106 ft (32 m), cased to 106 ft (32 m), perforated 90-106 ft (27-32 m). Lsd about 690 ft (218 m) above msl. MP top of sanitary seal of 5/8-in (.63-cm) hole, 1.63 ft (0.50 m) above lsd. Highest water level 17.7 ft (5.4 m) below lsd, Nov. 27, 1974; lowest 93.18 ft (28.40 m) below lsd, Apr. 29, 1960. Records available: 1960-74.

Feb. 4, 1971	47.8	Jan. 28, 1972	46.4	Jan. 29, 1973	30.4	Feb. 4, 1974	21.0
Mar. 29	48.1	Apr. 3	b43.2	Mar. 29	30.6	Mar. 27	28.1
May 24	47.7	May 22	b42.5	May 23	28.8	May 31	19.3
July 27	a50.7	July 27	a47.0	July 27	26.8	July 25	21.6
Sept. 23	40.8	Sept. 25	37.1	Oct. 1	25.7	Sept. 24	21.5
Dec. 1	43.8	Nov. 29	33.0	Nov. 30	22.6	Nov. 27	17.7

a Well being pumped.

b Well pumped recently.

GROUND-WATER LEVELS, 1971-74, NORTHWESTERN STATES

462830119043301. Local number 11/30-5B1. Fred Holmes Community. Formerly Hope Valley Water Association. Drilled public-supply water-table well in basalt, diam 8 in (20 cm), depth 110 ft (34 m), cased to 29 ft (9 m). Lsd about 741 ft (226 m) above msl. MP top of plate on casing, 0.35 ft (0.11 m) above lsd. Highest water level 31.2 ft (9.5 m) below lsd, Sept. 29, 1972; lowest 61.05 ft (18.61 m) below lsd, Apr. 15, 1958. Records available: 1958-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 5, 1971	a39.81	Jan. 28, 1972	37.0	Jan. 29, 1973	33.6	Feb. 5, 1974	38.4
Mar. 29	36.55	Apr. 3	a43.6	Mar. 30	33.4	Mar. 23	33.1
May 25	a34.15	May 23	33.0	May 21	a43.0	July 25	43.6
July 27	a45.23	July 27	a39.2	July 27	a36.7	Sept. 26	43.4
Sept. 23	31.55	Sept. 29	31.2	Oct. 2	34.4	Nov. 29	38.0
Dec. 1	d32.95	Nov. 30	a41.8	Dec. 4	32.7		

a Well being pumped.

d Nearby well being pumped.

463339119125601. Local number 12/29-5D1. James Reynolds. Drilled domestic water-table well in basalt, diam 6 in (15 cm), depth 181 ft (55 m), cased to 157 ft (48 m). Lsd about 610 ft (186 m) above msl. MP top of sanitary seal in pit, 6.95 ft (2.12 m) below lsd. Highest water level 113.00 ft (34.44 m) below lsd, Dec. 15, 1959; lowest 135.28 ft (41.23 m) below lsd, May 24, 1965. Records available: 1958-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 4, 1971	120.0	Apr. 3, 1972	122.0	Mar. 29, 1973	117.6	Mar. 7, 1974	116.2
Mar. 29	122.2	May 22	120.8	May 22	117.2	May 31	117.6
May 24	a16.6	July 25	a113.9	July 27	116.8	July 25	122.6
July 27	a167.6	Sept. 25	119.6	Oct. 1	118.4	Sept. 24	119.2
Sept. 23	a172.0	Nov. 29	119.2	Nov. 30	116.2	Nov. 27	125.2
Dec. 1	126.0	Jan. 29, 1973	118.2	Feb. 4, 1974	117.0		

a Well being pumped.

463231119001601. Local number 12/30-12E1. Lea Hailey. Formerly O. P. Hailey. Eltopia. Drilled stock water-table well in basalt, diam 6 in (15 cm), depth 121 ft (37 m), cased to 120 ft (37 m). Lsd about 676 ft (206 m) above msl. MP top of casing under pump in pit, 3.57 ft (1.09 m) below lsd. Highest water level 92.3 ft (28.1 m) below lsd, Oct. 2, 1970; lowest 108.69 ft (33.13 m) below lsd, Apr. 16, 1959. Records available: 1957-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 5, 1971	93.0	Jan. 28, 1972	a100.4	Jan. 29, 1973	a100.7	Feb. 5, 1974	102.4
Mar. 29	a56.0	Apr. 3	69.9	Mar. 30	a101.4	Mar. 27	104.2
May 25	692.9	May 23	897.6	May 25	101.5	May 31	103.2
July 27	693.3	July 25	99.2	July 27	a101.4	Sept. 25	102.6
Sept. 22	698.4	Sept. 29	99.5	Oct. 2	102.8	Nov. 27	101.1
Dec. 1	b100.0	Nov. 30	99.4				

a Well being pumped.

b Well pumped recently.

463641119001001. Local number 13/30-13M1. P. H. Taylor. Mesa. Drilled domestic and stock water-table well in basalt, diam 6 in (15 cm), depth 186 ft (57 m), cased to 11 ft (3 m). Lsd about 956 ft (291 m) above msl. MP top of sanitary seal at 5/8-in (.63-cm) hole, 0.80 ft (0.24 m) above lsd. Highest water level 107.8 ft (32.9 m) below lsd, Sept. 26, 1974; lowest 141.72 ft (43.20 m) below lsd, May 25, 1961. Records available: 1961-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 5, 1971	130.1	Jan. 28, 1972	130.7	Jan. 29, 1973	127.7	Feb. 5, 1974	116.3
Mar. 29	a142.1	Apr. 3	135.9	Mar. 30	133.7	Mar. 27	130.6
May 25	136.2	May 22	136.1	May 25	131.8	May 31	123.3
July 27	133.8	July 25	130.8	July 27	a138.7	July 26	116.7
Sept. 23	121.3	Sept. 29	117.6	Oct. 2	113.1	Sept. 26	107.8
Dec. 1	123.6	Nov. 30	119.6	Dec. 4	117.9	Nov. 29	116.8

a Well being pumped.

463520118544001. Local number 13/31-27C1. W. Germain. Connell. Drilled unused water-table well in basalt, diam 8 in (20 cm), depth 70 ft (82 m), casing information not available. Lsd about 942 ft (287 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 195.01 ft (59.44 m) below lsd, Aug. 7, 1969; lowest 243.11 ft (74.10 m) below lsd, Mar. 22, 1962. Records available: 1961-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 4, 1971	217.7	Jan. 28, 1972	205.4	Mar. 30, 1973	226.4	Mar. 27, 1974	224.8
Mar. 30	218.5	Apr. 3	225.4	May 25	223.0	May 30	222.1
May 25	219.3	May 23	224.8	July 25	222.7	July 26	221.9
July 26	220.3	Sept. 29	226.7	Sept. 28	223.2	Sept. 25	220.7
Sept. 22	222.9	Nov. 29	227.4	Dec. 4	223.6	Nov. 29	220.5
Dec. 1	224.0	Jan. 26, 1973	227.3	Feb. 4, 1974	225.4		

463440118473001. Local number 13/32-27N1. Dorsey Elgin. Connell. Drilled unused water-table well in basalt, diam 6 in (15 cm), depth 323 ft (98 m), casing information not available. Lsd about 1,155 ft (352 m) above msl. MP top of old pump cylinder, 1.50 ft (0.46 m) above lsd. Highest water level 195.5 ft (59.6 m) below lsd, May 30, July 26, 1974; lowest 274.05 ft (83.53 m) below lsd, Nov. 27, 1951. Records available: 1951-53, 1961-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 4, 1971	205.4	Jan. 28, 1972	203.1	Jan. 26, 1973	200.3	Feb. 4, 1974	196.2
Mar. 30	205.0	Mar. 31	202.7	Mar. 27	201.5	Mar. 27	195.8
May 25	204.96	May 23	202.0	May 23	199.9	May 30	195.5
July 26	204.29	July 25	201.48	July 25	199.8	July 26	195.5
Sept. 22	204.13	Sept. 29	201.35	Sept. 28	199.9	Sept. 25	195.7
Dec. 1	204.10	Nov. 29	201.27	Nov. 30	198.1	Nov. 29	195.7

464028119101601. Local number 14/29-27E1. U.S. Bureau of Reclamation. Drilled public-supply water-table well in basalt, diam 8 in (20 cm), depth 498 ft (152 m), cased to 435 ft (133 m). Lsd about 947 ft (289 m) above msl. MP top of 1-in (3.8-cm) pipe 1.00 ft (0.30 m) south of casing, 0.50 ft (0.15 m) above lsd. Highest water level 100.8 ft (30.7 m) below lsd, Nov. 24, 1974; lowest 235.79 ft (71.87 m) below lsd, Mar. 24, 1960. Records available: 1959-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 4, 1971	146.2	Jan. 28, 1972	135.5	Jan. 29, 1973	124.3	Feb. 4, 1974	161.9
Mar. 29	146.6	Apr. 3	136.8	Mar. 29	123.0	Mar. 27	159.5
May 24	149.7	May 22	137.5	May 23	128.0	May 31	167.5
July 27	149.5	July 25	a183.2	July 27	129.7	July 25	117.2
Sept. 23	142.0	Sept. 25	130.5	Oct. 1	120.5	Sept. 24	169.2
Dec. 1	136.3	Nov. 29	124.4	Nov. 30	112.7	Nov. 24	100.8

a Well being pumped.

463950118564001. Local number 14/31-29R1. Keith Herrman. Drilled domestic water-table well in basalt, diam 6 in (15 cm), depth 315 ft (96 m), cased to 104 ft (32 m). Lsd about 1,118 ft (341 m) above msl. MP top of sanitary seal at 1-in (1.3-cm) hole, 1.54 ft (0.47 m) above lsd. Highest water level 176.9 ft (53.9 m) below lsd, Sept. 24, 1974; lowest 232.80 ft below lsd, Apr. 26, 1961. Records available: 1961-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 4, 1971	185.7	Jan. 28, 1972	185.3	Jan. 26, 1973	183.9	Feb. 4, 1974	180.7
Mar. 29	187.1	Apr. 3	186.7	Mar. 29	184.9	Mar. 27	180.5
May 25	186.9	May 22	186.0	May 23	183.9	May 30	180.9
July 27	a184.7	July 25	182.8	July 25	182.0	July 24	179.1
Sept. 22	182.7	Sept. 29	180.6	Oct. 2	179.5	Sept. 24	176.9
Dec. 1	183.0	Nov. 29	181.9	Dec. 4	180.1	Nov. 29	178.1

a Well being pumped.

464240118313001. Local number 14/34-10R1. L. J. Wilder and J. F. Wilder. Drilled unused water-table well in basalt, diam 6 in (15 cm), depth 149 ft (45 m), casing information not available. Lsd about 1,330 ft (405 m) above msl. MP top of coupling on casing, 0.70 ft (0.21 m) above lsd. Highest water level 116.28 ft (35.44 m) below lsd, July 1, 1970; lowest 122.12 ft (37.22 m) below lsd, Aug. 23, 1963. Records available: 1955-72. Measurement discontinued. Feb. 3, 1971, 117.1; Mar. 30, 116.8; May 29, 110.9; Sept. 20, 117.2; Jan. 27, 1972, 117.6; Mar. 31, 117.3.

Grant County

464022119420801. Local number 14/25-28E1. U.S. Government, Atomic Energy Commission. Drilled unused water-table well in gravel; diam 20 in (51 cm); depth 648 ft (198 m); cased to 648 ft (198 m); perforated 492-503 ft (150-153 m), 505-560 ft (168-171 m), 593-600 ft (181-183 m). Lsd about 860 ft (262 m) above msl. MP top of casing under recorder support, 3.70 ft (1.13 m) below lsd. Highest water level 458.74 ft (139.21 m) below lsd, Sept. 24, 1971; lowest 480.49 ft (146.45 m) below lsd, Dec. 12, 1968. Records available: 1962-74. Recording gage removed January 1972.

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	464.19	463.76	463.21	462.88	.....	461.74	460.83	.....	.....	.....	459.68	458.84
10	463.28	463.17	462.73	462.66	.....	461.48	460.65	.....	.....	.....	459.24	458.81
15	463.81	463.08	463.47	462.54	.....	461.48	460.65	.....	.....	.....	459.60	459.10
20	463.83	463.71	462.78	462.48	.....	461.28	460.70	.....	.....	.....	.....	458.87
25	463.65	463.12	462.45	462.62	461.81	461.04	460.70	.....	.....	.....	.....	459.01
Em	463.64	463.22	462.94	.....	461.88	461.01	460.70	.....	.....	.....	.....	459.17

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31, 1972	458.71	Nov. 29, 1972	459.58	Oct. 1, 1973	460.12	May 31, 1974	458.87
Mar. 30	459.11	Jan. 29, 1973	459.19	Nov. 30	460.02	July 25	457.40
May 22	459.15	Mar. 29	459.92	Jan. 1, 1974	459.31	Sept. 24	456.74
July 25	458.12	May 23	459.83	Mar. 27	459.18	Nov. 27	456.86
Sept. 25	458.85	July 27	460.03				

463922119443301. Local number 14/25-31M1. U.S. Government, Atomic Energy Commission. Drilled unused water-table well in sand and gravel; diam 16 in (41 cm); depth 699 ft (213 m); cased to 699 ft (213 m); perforated 429-437 ft (131-133 m), 512-516 ft (156-157 m), 670-678 ft (204-207 m). Lsd about 774 ft (236 m) above msl. MP top edge of recorder shelter floor at arrow, 3.90 ft (1.19 m) above lsd. Highest water level 369.05 ft (112.49 m) below lsd, July 25, 1973; lowest 387.27 ft (118.04 m) below lsd, Sept. 30, 1970. Records available: 1959-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 4, 1971	375.9	Dec. 1, 1971	373.7	July 25, 1972	369.05	Mar. 29, 1973	373.0
Mar. 29	374.9	Jan. 31, 1972	373.15	Sept. 25	370.9	May 23	374.9
May 24	373.5	Mar. 30	372.5	Nov. 29	372.8	July 27	373.4
July 27	386.3	May 22	372.1	Jan. 29, 1973	372.7	Oct. 1	373.9
Sept. 23	381.9						

464518119335001. Local number 15/26-28Q1. U.S. Government, Atomic Energy Commission. Drilled unused water-table well in basalt, diam 16 to 8 in (41 to 20 cm), depth 892 ft (272 m), cased to 862 ft (272 m), perforated 860-870 ft (262-265 m). Lsd about 770 ft (235 m) above msl. MP top of steel door casing, 3.00 ft (0.91 m) above lsd. Highest water level 299.75 ft (91.36 m) below lsd, Nov. 29, 1972; lowest 396.18 ft (120.76 m) below lsd, July 20, 1964. Records available: 1959-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 4, 1971	309.5	Mar. 30, 1972	307.5	Mar. 29, 1973	306.0	Mar. 27, 1974	304.46
Mar. 29	309.4	May 22	306.4	May 23	305.6	May 31	304.8
May 24	307.9	July 25	305.6	July 27	305.4	July 25	304.7
July 27	308.29	Sept. 25	305.86	Oct. 1	305.3	Sept. 24	304.7
Sept. 23	308.03	Nov. 29	299.75	Nov. 30	305.0	Nov. 27	304.5
Jan. 31, 1972	306.7	Jan. 29, 1973	306.4	Jan. 31, 1974	304.67		

464429119253301. Local number 15/27-34L2. U.S. Government, Atomic Energy Commission. Drilled unused water-table well in basalt, diam 16 to 12 in (41 to 30 cm), depth 634 ft (193 m), cased to 354 ft (108 m). Lsd about 698 ft (213 m) above msl. MP top of plate over casing at orange arrow, 1.35 ft (0.41 m) above lsd. Highest water level 279.2 ft (85.1 m) below lsd, Jan. 29, 1973; lowest 301.54 ft (91.91 m) below lsd, Sept. 25, 1972. Records available: 1962-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 4, 1971	280.5	Sept. 23, 1971	287.24	Mar. 30, 1972	280.2	Sept. 25, 1972	301.54
Mar. 29	280.5	Dec. 1	280.31	May 22	279.9	Nov. 29	279.97
May 24	280.28	Jan. 31, 1972	293.1	July 25	298.47	Jan. 29, 1973	279.2
July 27	288.25						

465329119431601. Local number 16/25-8M1. Tom Snell. Drilled domestic water-table well in basalt, diam 6 in (15 cm), depth 112 ft (34 m), cased to 44 ft (13 m). Lsd about 1,194 ft (364 m) above msl. MP top of sanitary seal at 5 1/8-in (.63-cm) hole, 0.63 ft (0.19 m). Highest water level 3.06 ft (0.93 m) below lsd, Sept. 16, 1969; lowest 56.03 ft (17.08 m) below lsd, June 27, 1963. Records available: 1962-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1971	9.19	Feb. 29, 1972	13.00	Mar. 14, 1973	12.78	Mar. 13, 1974	10.73
Mar. 3	11.51	Apr. 18	21.87	May 16	16.49	May 15	10.00
April 28	a19.37	June 14	16.07	June 27	8.10	July 10	7.23
June 23	a18.26	Aug. 2	7.64	Aug. 8	a13.64	Sept. 5	6.93
Aug. 18	a14.38	Sept. 26	9.93	Oct. 3	4.22	Oct. 9	6.89
Oct. 5	a11.45	Nov. 28	6.85	Dec. 5	7.40	Dec. 4	9.29
Dec. 27	a8.94	Jan. 9, 1973	8.91	Jan. 16, 1974	8.40		

a Well being pumped.

465226119291401. Local number 16/27-18L1. Zoroaster Parsons. Drilled unused water-table well in basalt, diam 6 in (15 cm), depth 250 ft (76 m), cased to 25 ft (8 m). Lsd about 845 ft (258 m) above msl. MP slot in pump jacket at paint mark, 2.59 ft (0.79 m) above lsd. Highest water level 4.97 ft (1.51 m) below lsd, Aug. 6, 1969; lowest 131.51 ft (40.08 m) below lsd, Nov. 23, 1959. Records available: 1959-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1971	7.63	Feb. 29, 1972	7.89	Mar. 14, 1973	8.59	Mar. 13, 1974	7.37
Mar. 3	6.13	April 18	7.80	May 16	7.30	May 15	6.27
April 28	6.94	June 14	6.78	June 27	6.55	July 10	5.19
June 23	6.35	Aug. 2	6.28	Aug. 8	6.53	Sept. 5	5.65
Aug. 18	5.59	Sept. 26	6.45	Oct. 3	7.06	Oct. 9	5.89
Oct. 5	5.31	Nov. 28	7.91	Dec. 5	6.75	Dec. 4	5.97
Dec. 27	6.67	Jan. 9, 1973	8.37	Jan. 16, 1974	6.11		

465539119332102. Local number 17/26-34D2. James P. Needham. Drilled unused water-table well in basalt, diam 6 in (15 cm), depth 151 ft (46 m), cased to 40 ft (12 m). Lsd about 1,085 ft (331 m) above msl. MP top of 6-in (15-cm) casing, 0.74 ft (0.23 m) above lsd. Highest water level 0.51 ft (0.16 m) below lsd, Jan. 7, 1971; lowest 154.45 ft (47.08 m) below lsd, Oct. 3, 1949. Records available: 1949-55, 1959-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1971	0.51	Feb. 29, 1972	0.83	Mar. 14, 1973	6.13	Mar. 13, 1974	4.92
Mar. 3	.52	April 18	.98	May 16	5.80	May 15	4.29
April 28	.83	June 14	.72	June 27	5.36	July 10	3.87
June 23	1.07	Aug. 2	1.12	Aug. 8	5.16	Sept. 5	3.67
Aug. 18	1.10	Sept. 26	.86	Oct. 3	4.94	Oct. 9	3.26
Oct. 5	.76	Nov. 28	5.72	Dec. 5	4.58	Dec. 4	3.01
Dec. 27	.91	Jan. 9, 1973	5.72	Jan. 16, 1974	5.89		

465851119161601. Local number 17/28-11F1. U.S. Government, Bureau of Reclamation. Drilled unused artesian well in basalt, diam 2 in (5.1 cm), depth 168 ft (51 m), cased to 8 ft (2 m). Lsd about 1,051.6 ft (320.5 m) above msl. MP top 2-in (5.1-cm) casing, 1.00 ft (0.30 m) above lsd. Highest water level 90.88 ft (27.70 m) below lsd, July 22, 1956; lowest 141.01 ft (42.98 m) below lsd, Jan. 31, 1951. Records available: 1950-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 3, 1971	98.40	Feb. 29, 1972	97.52	Mar. 14, 1973	96.20	Mar. 13, 1974	95.98
Oct. 5	100.94	Sept. 26	100.38	Oct. 3	97.94	Oct. 9	98.65

465903119070901. Local number 17/29-12C1. Rogers Hayes. Formerly Norman Gard. Drilled domestic water-table well in basalt, diam 6 in (15 cm), depth 315 ft (96 m), casing information not available. Lsd about 1,212 ft (369 m) above msl. MP top of sanitary seal at 4-in (1.3-cm) hole, 0.63 ft (0.19 m) above lsd. Highest water level 33.35 ft (10.17 m) below lsd, Oct. 17, 1967; lowest 220.13 ft (67.10 m) below lsd, Aug. 13, 1951. Records available: 1949-74.

465903119070901--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1971	40.23	Feb. 29, 1972	45.54	Mar. 14, 1973	46.82	Mar. 13, 1974	45.76
Mar. 3	44.21	Apr. 18	48.50	May 16	47.22	May 14	47.63
Apr. 28	47.54	June 14	45.91	June 27	43.13	July 9	42.27
June 23	44.55	Aug. 2	50.55	Aug. 8	38.59	Sept. 5	36.30
Aug. 18	38.82	Sept. 26	33.99	Oct. 3	35.27	Oct. 8	34.75
Oct. 5	35.66	Nov. 28	38.82	Dec. 5	38.54	Dec. 3	38.14
Dec. 27	40.67	Jan. 9, 1973	42.06	Jan. 16, 1974	41.85		

465626119010601. Local number 17/30-26C1. Albert Widmer. Drilled unused water-table well in basalt, diam 6 in (15 cm), depth 400 ft (122 m), casing information not available. Lsd about 1,402 ft (427 m) above msl. MP top of casing cover at $\frac{1}{2}$ -in (1.3-cm) hole, at lsd. Highest water level 236.7 ft (72.2 m) below lsd, Jan. 16, 1974; lowest 292.03 ft (89.01 m) below lsd, Oct. 3, 1973.

Records available: 1962-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1971	243.14	Feb. 29, 1972	249.54	Mar. 14, 1973	263.44	Mar. 12, 1974	243.2
Mar. 3	242.58	Apr. 18	257.68	May 16	273.82	May 13	243.59
Apr. 28	252.38	June 14	257.52	June 27	243.2	July 8	243.44
June 23	243.62	Aug. 2	243.25	Aug. 8	276.37	Sept. 4	243.62
Aug. 18	243.74	Sept. 26	242.94	Oct. 3	292.03	Oct. 7	243.85
Oct. 5	243.53	Nov. 28	247.89	Dec. 5	243.61	Dec. 3	243.63
Dec. 28	243.42	Jan. 9, 1973	260.61	Jan. 16, 1974	236.7		

470352119433201. Local number 18/25-8M1. Metropolitan Life. Formerly James Chamness. Dug unused water-table well in sand, diam 36 in (91 cm), depth 112 ft (34 m), lined with concrete to 112 ft (34 m). Lsd about 1,179 ft (359 m) above msl. MP top edge of concrete curb, 1.00 ft (0.30 m) above lsd. Highest water level 29.22 ft (8.91 m) below lsd, Feb. 19, 1969; lowest 98.76 ft (30.10 m) below lsd, Apr. 27, 1953. Records available: 1949-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1971	29.64	Mar. 2, 1972	30.03	Mar. 15, 1973	c34.05	Mar. 13, 1974	34.10
Mar. 5	29.59	Apr. 19	39.26	May 17	c38.93	May 15	36.41
April 29	c36.88	June 15	407.47	June 28	c39.6	July 10	39.01
June 24	c38.63	Aug. 3	40.67	Aug. 9	c41.97	Sept. 5	40.17
Aug. 19	c36.83	Sept. 28	31.53	Oct. 3	34.50	Oct. 9	35.13
Oct. 7	31.11	Nov. 29	30.54	Dec. 5	31.27	Dec. 4	31.30
Dec. 28	30.29	Jan. 10, 1973	30.23	Jan. 16, 1974	30.61		

c Nearby well being pumped.

470339119433001. Local number 18/25-8N1. Metropolitan Life. Formerly James Chamness. Dug and drilled unused water-table well in basalt, diam 6 in (15 cm), depth reported 323 ft (98 m), casing information not available. Lsd about 1,173 ft (358 m) above msl. MP top edge of broken concrete curb section at paint mark, 3.00 ft (0.91 m) above lsd. Highest water level 23.74 ft (7.24 m) below lsd, Jan. 20, 1970; lowest 97.42 ft (29.69 m) below lsd, June 23, 1953. Records available: 1949-61, 1963-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1971	27.17	Mar. 2, 1972	27.09	Mar. 15, 1973	c32.18	Mar. 13, 1974	30.07
Mar. 5	26.81	Apr. 19	27.46	May 17	c35.95	May 15	34.56
April 29	c32.91	June 15	c37.55	June 28	c40.29	July 10	39.39
June 24	c34.84	Aug. 3	c37.83	Aug. 9	c41.98	Sept. 5	41.15
Aug. 19	c32.84	Sept. 28	29.24	Oct. 3	33.38	Oct. 9	32.57
Oct. 7	c27.58	Nov. 29	27.40	Dec. 5	28.66	Dec. 4	28.67
Dec. 28	26.82	Jan. 10, 1973	27.28	Jan. 16, 1974	27.68		

c Nearby well being pumped.

470445119160301. Local number 18/28-2L1. Dune Lake Co. Formerly F. M. Hurley. Drilled unused water-table well in basalt, diam 6 in (15 cm), depth 184 ft (56 m), casing information not available. Lsd about 1,128 ft (344 m) above msl. MP top of casing, 1.20 ft (0.37 m) above lsd. Highest water level 0.45 ft (0.14 m) below lsd, Sept. 4, 1970; lowest 74.25 ft (22.63 m) below lsd, May 14, 1951. Records available: 1949-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1971	2.69	Mar. 1, 1972	3.65	June 27, 1973	4.09	May 14, 1974	4.00
Mar. 4	3.28	June 14	4.48	Oct. 4	.48	July 10	2.21
June 24	3.64	Sept. 27	.54	Jan. 17, 1974	.85	Oct. 9	.66
Oct. 6	.49	Jan. 10, 1973	2.65	Mar. 14	3.28	Dec. 4	2.13
Dec. 27	2.59	Mar. 15	4.03				

470022119023801. Local number 18/30-34M1. Harry Yamamoto. Formerly Rulon Hanson. Warden. Drilled unused water-table well in basalt, diam 6 in (15 cm), depth 147 ft (45 m), cased. Lsd about 1,174 ft (358 m) above msl. MP top west side of sanitary seal at $\frac{1}{2}$ -in (1.3-cm) hole, 0.40 ft (0.12 m) above lsd. Highest water level 36.75 ft (11.20 m) below lsd, Oct. 7, 1974; lowest 108.70 ft (33.13 m) below lsd, Oct. 29, 1947. Records available: 1943-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1971	46.49	Feb. 29, 1972	46.05	Mar. 14, 1973	47.50	Mar. 12, 1974	48.35
Mar. 3	45.88	Apr. 18	47.38	May 16	45.45	May 14	50.37
April 29	47.92	June 14	47.47	June 27	a37.04	July 9	39.63
June 23	44.97	Aug. 2	41.23	Aug. 8	41.92	Sept. 4	40.25
Aug. 18	40.75	Sept. 26	42.79	Oct. 3	46.20	Oct. 7	36.75
Oct. 5	42.86	Nov. 28	43.84	Dec. 5	45.79	Dec. 3	44.35
Dec. 28	b45.40	Jan. 9, 1973	46.83	Jan. 16, 1974	46.48		

a Well being pumped.

b Well pumped recently.

470631119420501. Local number 19/25-28M1. Edwin A. Wyatt. Drilled unused water-table well in sand, diam 6 in (15 cm), depth 124 ft (38 m), casing information not available. Lsd about 1,19⁴ ft (364 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 37.00 ft (11.28 m) below lsd, Apr. 19, 1971; lowest 114.47 ft (34.89 m) below lsd, Apr. 7, 1951. Records available: 1949-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 5, 1971	37.24	Aug. 3, 1972	c41.73	June 28, 1973	c44.55	May 15, 1974	40.48
June 24	38.02	Sept. 28	41.18	Aug. 9	47.75	July 10	45.45
Oct. 7	39.33	Nov. 29	40.25	Oct. 3	42.87	Sept. 5	41.13
Mar. 1, 1972	38.11	Jan. 10, 1973	39.47	Dec. 5	41.30	Oct. 9	42.84
Apr. 19	37.00	Mar. 15	40.15	Jan. 16, 1974	40.55	Dec. 4	41.56
June 15	c38.03	May 17	c39.62	Mar. 13	39.43		

c Nearby well being pumped.

470759119344501. Local number 19/26-20A1. Joe Tainaka. Formerly Q. R. Mullings. Othello. Drilled domestic water-table well in sand, diam 6 in (15 cm); depth unknown, previously reported 150 ft (46 m); cased to 100 ft (30 m). Lsd about 1,224 ft (373 m) above msl. MP top of pipe clamp above casing, 0.25 ft (0.08 m) above lsd. Highest water level 62.33 ft (19.00 m) below lsd, Apr. 19, 1972; lowest 151.45 ft (46.16 m) below lsd, Apr. 11, 1952. Records available: 1939-40, 1942, 1949-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 5, 1971	64.44	Aug. 3, 1972	66.84	June 28, 1973	66.27	May 15, 1974	64.39
June 24	63.32	Sept. 28	64.63	Aug. 9	c68.93	July 10	68.82
Oct. 6	63.04	Nov. 29	63.67	Oct. 3	c65.60	Sept. 5	69.62
Mar. 1, 1972	62.43	Jan. 10, 1973	63.30	Dec. 5	63.97	Oct. 9	65.61
Apr. 19	62.33	Mar. 15	63.18	Jan. 16, 1974	63.65	Dec. 4	64.11
June 15	c65.97	May 17	63.54	Mar. 13	63.83		

c Nearby well being pumped.

470608119331501. Local number 19/26-34D1. Dept. of Highways, State of Washington. Drilled stock water-table well in sand; diam 6 in (15 cm); depth unknown, previously reported 96 ft (29 m); cased to 65 ft (20 m). Lsd about 1,172 ft (357 m) above msl. MP top of casing, 0.87 ft (0.27 m) above lsd. Highest water level 28.31 ft (8.63 m) below lsd, Dec. 4, 1974; lowest 107.56 ft (32.78 m) below lsd, Jan. 21, 1960. Records available: 1939-53, 1965-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 5, 1971	33.85	Aug. 3, 1972	31.15	Aug. 9, 1973	29.73	May 15, 1974	28.45
June 24	34.71	Sept. 28	30.53	Oct. 3	34.91	July 10	29.02
Oct. 6	37.67	Jan. 10, 1973	35.47	Dec. 5	29.40	Sept. 5	32.68
Mar. 1, 1972	32.73	Mar. 15	29.33	Jan. 16, 1974	28.68	Oct. 9	28.61
Apr. 19	30.98	May 17	29.43	Mar. 13	28.80	Dec. 4	28.31
June 15	30.35	June 27	29.58				

470805119263801. Local number 19/27-16N1. Westly Avara. Formerly John Dills. Dug irrigation water-table well in gravel, diam 7 ft (2 m), depth 74 ft (23 m), lined with concrete to 65 ft (20 m). Lsd about 1,09⁴ ft (332 m) above msl. MP top of 12- x 12-in (30- x 30-cm) pump support timber at southwest corner of large turbine pumpbase, 0.80 ft (0.24 m) above lsd. Highest water level 47.37 ft (14.44 m) below lsd, Mar. 14, 1974; lowest 70.65 ft (21.55 m) below lsd, June 23, 1953. Records available: 1942-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 4, 1971	54.78	Mar. 1, 1972	62.26	Mar. 15, 1973	52.42	Mar. 14, 1974	47.37
Oct. 6	58.92	Sept. 27	54.30	Oct. 4	49.33	Oct. 9	48.98

470652119230301. Local number 19/27-26A1. C. M. Grant. Formerly E. L. Wolff. Dug domestic and irrigation water-table well in gravel, diam 4 ft (122 m), depth 74 ft (23 m), lined with concrete to 65 ft (20 m). Lsd about 1,073 ft (327 m) above msl. MP bottom edge of turbine pumpbase, 1.31 ft (0.40 m) above lsd. Highest water level 24.68 ft (7.52 m) below lsd, Mar. 14, 1974; lowest 41.86 ft (12.76 m) below lsd, July 22, 1953. Records available: 1949-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 4, 1971	28.63	Mar. 1, 1972	35.41	Mar. 15, 1973	37.91	Mar. 14, 1974	24.68
Oct. 6	31.87	Sept. 27	a39.33	Oct. 4	32.50	Oct. 9	31.48

a Well being pumped.

470652119262401. Local number 19/27-28C1. John Quick. Formerly Ray Kitzke. Drilled unused water-table well in gravel, diam 10 in (25 cm), depth 100 ft (30 m), casing information not available. Lsd about 1,10⁴ ft (337 m) above msl. MP top of casing, 1.50 ft (0.46 m) above lsd. Highest water level 57.38 ft (17.49 m) below lsd, Mar. 14, 1974; lowest 76.66 ft (23.37 m) below lsd, Nov. 7, 1949. Records available: 1949-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 4, 1971	61.05	Mar. 1, 1972	62.73	Mar. 15, 1973	60.98	Mar. 14, 1974	57.38
Oct. 6	62.46	Sept. 27	62.64	Oct. 4	57.52	Oct. 9	61.03

4710202119210701. Local number 19/28-6C1. Troy Farms, Inc. Dug irrigation water-table well in gravel; diam 4 ft (1 m); depth unknown, previously reported 37 ft (11 m); lined with concrete to 37 ft (11 m). Lsd about 1,078 ft (329 m) above msl. MP top east side of concrete curb, 1.32 ft (0.40 m) above lsd. Highest water level 29.10 ft (8.87 m) below lsd, June 24, 1971; lowest 42.42 ft (12.93 m) below lsd, June 19, 1961. Records available: 1939-40, 1942, 1949-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1971	35.0	Mar. 1, 1972	38.44	Mar. 15, 1973	34.48	Mar. 14, 1974	32.81
Mar. 4	33.37	Apr. 19	35.03	May 17	a34.05	May 15	33.28
Apr. 29	a34.08	June 15	34.53	June 26	33.1	July 10	33.28
June 24	29.10	Aug. 3	33.82	Aug. 9	32.39	Sept. 6	33.19
Aug. 19	a36.16	Sept. 27	33.77	Oct. 4	33.48	Oct. 8	33.28
Oct. 6	31.12	Nov. 29	33.90	Dec. 6	34.46	Dec. 4	34.53
Dec. 28	31.57	Jan. 10, 1973	36.03	Jan. 17, 1974	35.18		

a Well being pumped.

470913119192402. Local number 19/28-8H2. Mr. Baker. Dug irrigation and domestic water-table well in gravel; diam 10 in (25 cm); depth unknown, previously reported 48 ft (15 m); cased to 48 ft (15 m). Lsd about 1,090 ft (332 m) above ms1. MP top edge of metal plate under pump, 0.30 ft (0.09 m) above lsd. Highest water level 39.97 ft (12.18 m) below lsd, June 12, 1952; lowest 48.35 ft (14.74 m) below lsd, Dec. 13, 1960. Records available: 1949-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1971	44.7	Mar. 1, 1972	45.50	Mar. 15, 1973	43.73	Mar. 14, 1974	42.77
Mar. 4	44.51	Apr. 19	44.64	May 17	45.45	May 15	43.52
Apr. 29	43.47	June 14	44.14	June 26	a43.50	July 9	43.47
June 24	a43.81	Aug. 3	44.73	Aug. 9	42.35	Sept. 6	43.09
Aug. 19	a43.94	Sept. 27	41.88	Oct. 4	40.78	Oct. 8	42.95
Oct. 6	42.88	Nov. 29	44.44	Dec. 6	42.95	Dec. 5	44.35
Dec. 28	45.19	Jan. 10, 1973	45.10	Jan. 17, 1974	42.72		

a Well being pumped.

470935119174201. Local number 19/28-10D1. Harold Mathenia. Formerly Joe Hunt. Dug and drilled domestic water-table well in gravel; diam 40 to 6 in (102 to 15 cm), depth 102 ft (31 m), casing information not available. Lsd about 1,114 ft (340 m) above ms1. MP top of timbers over well, 0.67 ft (0.20 m) below lsd. Highest water level 48.23 ft (14.70 m) below lsd, Sept. 16, 1969; lowest 62.08 ft (18.92 m) below lsd, Aug. 30, 1951. Records available: 1949-51, 1953-74.

Mar. 4, 1971	51.34	Mar. 1, 1972	52.10	Mar. 15, 1973	52.96	Mar. 14, 1974	51.89
Oct. 6	48.61	Sept. 27	49.04	Oct. 4	a50.44	Oct. 8	49.42

a Well being pumped.

470753119192401. Local number 19/28-20A1. M. C. Wilson. Dug irrigation water-table well in gravel; diam 36 in (91 cm); depth unknown, previously reported 39 ft (12 m); lined with concrete to 38 ft (12 m). Lsd about 1,080 ft (329 m) above ms1. MP top north side of concrete curb at arrow, 1.00 ft (0.30 m) above lsd. Highest water level 32.21 ft (9.82 m) below lsd, Oct. 3, 1973; lowest 46.95 ft (14.31 m) below lsd, Mar. 1, 1972. Records available: 1949-74.

Jan. 5, 1971	36.8	Mar. 1, 1972	46.95	Mar. 15, 1973	35.47	Mar. 14, 1974	34.35
Mar. 4	35.84	Apr. 19	44.48	May 17	36.47	May 15	34.99
Apr. 29	35.07	June 14	44.35	June 26	34.5	July 9	35.13
June 24	36.92	Aug. 3	44.15	Aug. 8	33.55	Sept. 6	34.78
Aug. 19	37.05	Sept. 27	36.72	Oct. 3	32.21	Oct. 8	34.58
Oct. 6	34.35	Nov. 29	35.95	Dec. 6	34.85	Dec. 3	36.79
Dec. 28	39.48	Jan. 10, 1973	39.64	Jan. 17, 1974	35.45		

470619119144501. Local number 19/28-25L1. Paul Landis. Formerly Bill Hattori. Moses Lake. Drilled unused water-table well in basalt, diam 12 in (30 cm), depth 492 ft (150 m), cased to 95 ft (29 m). Lsd about 1,192 ft (363 m) above ms1. MP top east side of casing, at lsd. Highest water level 40.32 ft (12.29 m) below lsd, Sept. 5, 1974; lowest 180.30 ft (54.96 m) below lsd, Sept. 19, 1950. Records available: 1949-74.

Mar. 4, 1971	44.56	Aug. 2, 1972	43.52	June 27, 1973	43.97	May 14, 1974	44.83
June 23	44.75	Sept. 26	41.85	Aug. 8	42.14	July 10	41.41
Oct. 5	40.37	Nov. 29	42.70	Oct. 3	41.62	Sept. 5	40.32
Feb. 29, 1972	45.12	Jan. 9, 1973	43.64	Dec. 6	42.69	Oct. 8	40.33
April 18	45.50	Mar. 13	45.27	Jan. 16, 1974	43.57	Dec. 3	41.61
June 14	44.91	May 16	45.30	Mar. 14	44.72		

471027119124901. Local number 19/29-6A1. Formerly 19/29-5D1. Donald Lust. Formerly Howard Weller. Dug and drilled domestic water-table well in basalt, diam 48 to 6 in (122 to 15 cm), depth 150 ft (46 m), lined with concrete to 48 ft (15 m), cased 48-100 ft (15-30 m). Lsd about 1,190 ft (363 m) above ms1. MP top of hole around pipes, 0.30 ft (0.09 m) above lsd. Highest water level 12.97 ft (3.95 m) below lsd, June 23, 1956; lowest 41.80 ft (12.74 m) below lsd, Apr. 12, 1952. Records available: 1951-74.

Mar. 4, 1971	19.49	Mar. 1, 1972	19.76	Mar. 15, 1973	19.62	Mar. 14, 1974	19.14
Oct. 6	16.08	Sept. 27	15.42	Oct. 4	15.77	Oct. 8	16.95

470811119074301. Local number 19/29-14J1. Jim Abram. Formerly Delmar Olander. Drilled domestic water-table well in basalt, diam 12 in (30 cm), depth 368 ft (112 m), casing information not available. Lsd about 1,357 ft (414 m) above ms1. MP top of $\frac{1}{2}$ -in (1.3-cm) coupling on access pipe, 0.50 ft (0.15 m) below lsd. Highest water level 132.21 ft (40.30 m) below lsd, Dec. 30, 1964; lowest 234.03 ft (71.33 m) below lsd, Oct. 27, 1951. Records available: 1950-52, 1954-74.

Jan. 8, 1971	137.8	June 14, 1972	157.65	May 17, 1973	139.05	May 14, 1974	156.87
Apr. 29	151.8	Aug. 3	159.70	Aug. 9	143.70	July 9	165.05
Aug. 19	154.6	Sept. 27	162.07	Oct. 4	a168.95	Sept. 4	198.42
Dec. 28	138.29	Nov. 29	141.79	Dec. 6	169.37	Oct. 10	157.75
Mar. 1, 1972	143.01	Jan. 10, 1973	144.59	Jan. 17, 1974	167.49	Dec. 3	159.56
April 19	156.45	Apr. 15	140.90	Mar. 14	159.29		

a Well being pumped.

471420119524001. Local number 20/23-12J1. Otis Holsley. Drilled domestic water-table well in basalt, diam 6 in (15 cm), depth 391 ft (119 m), cased to 391 ft (119 m). Lsd about 1,324 ft (404 m) above ms1. MP top of sanitary seal at $\frac{1}{2}$ -in (1.3-cm) hole, 1.00 ft (0.30 m) above lsd. Highest water level 28.06 ft (8.56 m) below lsd, Dec. 27, 1967; lowest 241.53 ft (73.64 m) below lsd, Oct. 28, 1953. Records available: 1953-73. Measurement discontinued.

Jan. 8, 1971	32.67	Oct. 7, 1971	a33.10	June 15, 1972	40.48	Mar. 15, 1973	38.79
Mar. 5	34.79	Dec. 28	33.88	Sept. 28	36.52	June 28	42.26
June 25	38.97	Mar. 2, 1972	38.80	Jan. 10, 1973	35.49		

a Well being pumped.

471142119563001. Local number 20/23-28J1. L. E. Weber. Drilled domestic and stock water-table well in basalt, diam 6 in (15 cm), depth 446 ft (136 m), cased to 265 ft (81 m). Lsd about 1,380 ft (421 m) above msl. MP ½-in (1.3-cm) hole in southwest side of pumpbase, 0.38 ft (0.12 m) above lsd. Highest water level 67.60 ft (20.60 m) below lsd, Nov. 28, 1967; lowest 270.78 ft (82.53 m) below lsd, Nov. 22, 1954. Records available: 1949-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 5, 1971	72.34	Apr. 20, 1972	76.34	Nov. 30, 1972	75.34	May 17, 1973	77.07
June 25	75.64	June 15	76.97	Jan. 10, 1973	73.17	June 27	75.30
Oct. 7	72.19	Aug. 3	73.99	Mar. 15	75.10	Aug. 9	73.53
Mar. 2, 1972	74.26	Sept. 28	72.64				

47153511944801. Local number 20/24-1H1. W. M. Berger. Drilled domestic water-table well in basalt, diam 10 in (25 cm), depth 400 ft (122 m), cased to 46 ft (14 m). Lsd about 1,380 ft (421 m) above msl. MP top of 1-in (2.5-cm) pipe coupling in casing cap, 0.60 ft (0.18 m) above lsd. Highest water level 89.2 ft (27.2 m) below lsd, Oct. 30, 1970; lowest 371.54 ft (113.28 m) below lsd, Oct. 18, 1950. Records available: 1949-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1971	98.44	Oct. 7, 1971	91.54	Aug. 3, 1972	95.97	Mar. 15, 1973	108.49
Mar. 5	106.34	Dec. 28	99.14	Sept. 28	92.22	May 17	110.85
Apr. 30	107.78	Mar. 2, 1972	107.48	Nov. 30	94.73	June 28	105.14
June 25	106.14	Apr. 26	112.06	Jan. 11, 1973	100.34	Aug. 9	96.06
Aug. 20	95.57	June 15	110.12				

471312119401401. Local number 20/25-15Q1. W. E. Hardy. Drilled unused water-table well in sand, diam 5 in (13 cm), depth 190 ft (58 m), cased. Lsd about 1,219 ft (372 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 27.62 ft (8.42 m) below lsd, Sept. 21, 1967; lowest 151.54 ft (46.19 m) below lsd, Sept. 1, 1951. Records available: 1949-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1971	29.32	July 23, 1971	28.98	Feb. 25, 1972	30.93	Sept. 28, 1972	28.98
20	30.00	Aug. 20	28.41	Mar. 2	30.88	Oct. 26	29.10
Feb. 22	30.25	Sept. 24	28.01	24	31.25	Nov. 21	29.82
Mar. 5	30.50	Oct. 7	28.29	Apr. 20	31.72	30	29.73
19	30.91	22	28.38	June 15	29.36	Jan. 11, 1973	30.48
Apr. 22	31.19	Nov. 23	29.15	July 25	29.67	Feb. 23	32.00
30	31.20	Dec. 21	29.59	Aug. 3	29.30	Mar. 16	31.40
May 20	30.53	29	29.98	24	29.15	26	31.70
June 24	29.69	Jan. 26, 1972	30.60	Sept. 25	28.90		

471302119405801. Local number 20/25-21A2. Winchester Dairy. Drilled unused water-table well in basalt, diam 12 to 8 in (30 to 20 cm), depth 652 ft (199 m), cased 0-198 ft (0-60 m), 290-350 ft (88-107 m). Lsd about 1,224 ft (373 m) above msl. MP top of recorder shelf floor, 1.00 ft (0.30 m) above lsd. Highest water level 4.76 ft (1.45 m) below lsd, Nov. 4, 1969; lowest 124.79 ft (38.05 m) below lsd, July 21, 1953. Records available: 1953-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1971	8.29	Oct. 7, 1971	8.97	Aug. 3, 1972	15.36	Mar. 16, 1973	16.26
Mar. 5	11.16	Dec. 29	11.04	Sept. 28	13.65	May 18	17.33
Apr. 30	12.78	Mar. 2, 1972	13.66	Nov. 30	11.29	June 28	16.68
June 24	11.93	Apr. 20	15.36	Jan. 11, 1973	14.02	Aug. 10	16.17
Aug. 20	10.76	June 15	15.08				

a Well being pumped.

c Nearby well being pumped.

47132119354701. Local number 20/26-18R1. O. W. Harris. Drilled unused water-table well in basalt, diam 16 to 6 in (41 to 15 cm), depth 176 ft (54 m), cased 16-200 ft (5-61 m). Lsd about 1,248 ft (380 m) above msl. MP top of sanitary seal at 3 ¼-in (1.9-cm) hole, 12.69 ft (3.87 m) below lsd. Highest water level 63.7 ft (19.4 m) below lsd, July 16, 1968; lowest 163.09 ft (49.71 m) below lsd, Oct. 18, 1950. Records available: 1939-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1971	65.2	Oct. 7, 1971	67.26	Aug. 3, 1972	70.45	Mar. 16, 1973	70.14
Mar. 5	78.87	Dec. 29	67.13	Sept. 28	67.55	May 18	74.74
Apr. 30	70.20	Mar. 2, 1972	68.87	Nov. 30	66.44	June 28	68.7
June 25	70.04	Apr. 20	69.59	Jan. 11, 1973	68.34	Aug. 10	64.37
Aug. 20	69.91	June 15	67.57				

471151119315201. Local number 20/26-26M1. T. J. Drumheller. Drilled unused water-table well in basalt, diam 6 in (15 cm), depth 203 ft (62 m), casing information not available. Lsd about 1,258 ft (383 m) above msl. MP top of casing, 2.50 ft (0.76 m) below lsd. Highest water level 93.35 ft (28.45 m) below lsd, Nov. 30, 1972; lowest 177.59 ft (54.13 m) below lsd, Oct. 27, 1951. Records available: 1949-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 5, 1971	94.62	Apr. 20, 1972	95.78	Nov. 30, 1972	93.35	May 18, 1973	93.52
June 24	98.21	June 15	96.44	Jan. 11, 1973	95.16	June 28	96.88
Oct. 7	93.82	Aug. 3	94.42	Mar. 16	96.38	Aug. 10	95.92
Mar. 2, 1972	94.72	Sept. 28	94.36				

471212119104201. Local number 20/29-28B1. Jacob Schlimmer. Drilled unused water-table well in basalt, diam 5 in (13 cm), depth 290 ft (88 m), casing information not available. Lsd about 1,309 ft (399 m) above msl. MP top of galvanized iron casing, 0.50 ft (0.15 m) above lsd. Highest water level 116.49 ft (35.52 m) below lsd, Dec. 18, 1961; lowest 179.46 ft (54.72 m) below lsd, Oct. 27, 1951. Records available: 1949-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1971	146.5	Mar. 1, 1972	153.95	Sept. 27, 1972	170.65	May 17, 1973	150.20
Apr. 29	146.4	Apr. 19	155.66	Nov. 29	158.30	June 26	163.6
Aug. 19	148.0	June 14	157.93	Jan. 10, 1973	160.78	Aug. 9	165.75
Dec. 28	157.5	Aug. 3	158.60	Mar. 15	155.99		

471517119052201. Local number 20/30-6H1. Ed Tschritter. Drilled unused water-table well in basalt, diam 6 in (15 cm), depth 84 ft (26 m), casing information not available. Lsd about 1,402 ft (427 m) above msl. MF top of casing, at lsd. Highest water level 38.33 ft (11.69 m) below lsd, Aug. 20, 1971; lowest 47.22 ft (14.39 m) below lsd, Aug. 10, 1973. Records available: 1951, 1954-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1971	39.41	Mar. 3, 1972	41.98	Sept. 29, 1972	43.77	May 15, 1973	46.09
Apr. 30	39.22	Apr. 21	42.53	Nov. 30	43.31	June 26	46.81
Aug. 20	38.33	June 16	42.74	Jan. 8, 1973	44.68	Aug. 10	47.22
Dec. 28	41.22	Aug. 4	43.48	Mar. 16	45.57		

471955119324701. Local number 21/26-10L2. D. L. Nelsen. Drilled unused water-table well in basalt, diam 8 in (20 cm), depth 122 ft (37 m), cased to 100 ft (30 m). Lsd about 1,260 ft (384 m) above msl. MF top of 1&4-in (3.2-cm) coupling, 1.30 ft (0.58 m) above lsd. Highest water level 21.10 ft (6.43 m) below lsd, July 11, 1974; lowest 68.27 ft (20.81 m) below lsd, Dec. 7, 1949. Records available: 1949-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1971	31.38	Mar. 2, 1972	31.48	Mar. 16, 1973	27.87	Mar. 15, 1974	22.46
Mar. 9	39.62	April 20	32.75	May 18	28.55	May	23.89
Apr. 30	34.37	June 15	32.86	June 28	28.19	July 11	21.10
June 25	34.26	Aug. 3	27.15	Aug. 10	27.98	Sept. 6	21.15
Aug. 20	27.45	Sept. 28	24.42	Oct. 2	22.27	Oct. 10	21.23
Oct. 7	27.38	Nov. 30	26.35	Dec. 5	24.63	Dec. 5	22.27
Dec. 29	31.54	Jan. 11, 1973	28.12	Jan. 15, 1974	23.50		

472009119300101. Local number 21/26-12F1. Grant County. Drilled unused water-table well in basalt, diam 12 in (30 cm), depth 183 ft (56 m), casing information not available. Lsd about 1,259 ft (384 m) above msl. MF top of concrete pumpbase, 2.00 ft (0.61 m) above lsd. Highest water level 88.06 ft (26.85 m) below lsd, Oct. 10, 1974; lowest 117.77 ft (35.91 m) below lsd, Mar. 13, 1950. Records available: 1949-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 5, 1971	88.24	Aug. 3, 1972	89.89	June 29, 1973	89.08	May 16, 1974	88.23
June 26	89.82	Sept. 28	89.91	Aug. 10	89.02	July 11	88.24
Oct. 8	88.08	Nov. 30	89.72	Oct. 2	88.95	Sept. 6	88.18
Mar. 2, 1972	93.74	Jan. 11, 1973	89.60	Dec. 5	88.62	Oct. 10	88.06
Apr. 20	89.99	Mar. 16	89.37	Jan. 15, 1974	88.17	Dec. 5	88.11
June 15	89.93	May 18	89.12	Mar. 15	88.46		

472052119163101. Local number 21/28-2E1. Charles Hansen. Drilled unused water-table well in basalt, diam 6 in (15 cm), reported depth 107 ft (33 m), casing information not available. Lsd about 1,322 ft (403 m) above msl. MF top of board cover, 0.70 ft (0.21 m) above lsd. Highest water level 14.46 ft (4.41 m) below lsd, June 16, 1972; lowest 21.14 ft (6.45 m) below lsd, Nov. 28, 1955. Records available: 1949-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1971	17.95	Mar. 3, 1972	16.38	Sept. 29, 1972	16.99	May 18, 1973	17.19
Apr. 30	16.44	April 20	17.02	Nov. 30	17.27	June 29	17.45
Aug. 20	17.23	June 16	14.46	Jan. 11, 1973	17.28	Aug. 10	17.94
Dec. 29	18.22	Aug. 4	16.38	Mar. 16	16.69		

471913119031201. Local number 21/30-9F1. Lloyd Larson. Drilled unused water-table well in basalt, diam 6 in (15 cm), depth 376 ft (115 m), casing information not available. Lsd about 1,648 ft (502 m) above msl. MF top of casing, 0.30 ft (0.09 m) above lsd. Highest water level 200.22 ft (61.03 m) below lsd, Nov. 19, 1953; lowest 210.85 ft (64.27 m) below lsd, June 16, 1972. Records available: 1939-43, 1951, 1953-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1971	204.25	Mar. 3, 1972	203.41	Sept. 29, 1972	202.14	May 15, 1973	205.87
Apr. 30	201.83	April 21	201.95	Nov. 30	201.90	June 29	202.04
Aug. 20	202.83	June 16	210.85	Jan. 8, 1973	201.98	Aug. 10	204.52
Dec. 28	201.92	Aug. 4	202.09	Mar. 16	202.64		

472242119264801. Local number 22/27-29H2. G. H. Gripientrog. Drilled unused water-table well in basalt, diam 6 in (15 cm), depth 185 ft (56 m), casing information not available. Lsd about 1,229 ft (375 m) above msl. MF top edge of casing, at lsd. Highest water level 68.12 ft (20.76 m) below lsd, July 22, 1961; lowest 93.75 ft (28.58 m) below lsd, Mar. 17, 1954. Records available: 1953-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1971	75.18	Oct. 8, 1971	72.57	June 15, 1972	80.55	Mar. 16, 1973	76.91
Mar. 5	78.83	Dec. 29	75.20	Sept. 28	73.66	June 29	77.20
June 25	78.89	Mar. 2, 1972	78.22	Jan. 11, 1973	74.99		

472217119274101. Local number 22/27-29P2. Helen Moore. Drilled unused water-table well in gravel, diam 5 in (13 cm), depth 56 ft (17 m), cased to 56 ft (17 m). Lsd about 1,196 ft (365 m) above msl. MF top of pipe cap, 0.84 ft (0.26 m) above lsd. Highest water level 37.15 ft (11.32 m) below lsd, Aug. 20, 1968; lowest 48.85 ft (14.89 m) below lsd, Mar. 15, 1955. Records available: 1954-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1971	43.73	Oct. 8, 1971	40.11	Aug. 3, 1972	41.82	Mar. 16, 1973	44.93
Mar. 5	39.73	Dec. 29	43.45	Sept. 28	39.79	May 18	45.64
Apr. 30	46.35	Mar. 2, 1972	44.86	Nov. 30	41.96	June 29	43.98
June 25	44.89	April 20	46.13	Jan. 11, 1973	43.60	Aug. 10	42.36
Aug. 20	42.38	June 15	44.52				

472212119284501. Local number 22/27-30Pl. E. B. Fretwell. Drilled irrigation water-table well in basalt, diam 10 in (25 cm), depth 304 ft (93 m), cased to 105 ft (32 m). Lsd about 1,154 ft (352 m) above msl. MP top edge of 8-in (20-cm) casing, 1.00 ft (0.30 m) above lsd. Highest water level 25.54 ft (7.78 m) below lsd, Nov. 6, 1960; lowest 65.31 ft (19.91 m) below lsd, Aug. 10, 1973. Records available: 1939-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 5, 1971	39.04	Apr. 20, 1972	45.52	Nov. 30, 1972	35.86	May 18, 1973	41.15
June 25	45.36	June 15	54.65	Jan. 11, 1973	38.85	June 29	46.11
Oct. 7	43.41	Aug. 3	52.38	Mar. 16	39.77	Aug. 10	45.31
Mar. 2, 1972	39.42	Sept. 26	48.84				

a Well being pumped.

472522119065001. Local number 22/29-1Q1. Town of Wilson Creek. Dug and drilled irrigation water-table well in basalt, diam 48 to 8 in (122 to 20 cm), reported depth 370 ft (113 m), cased to 56 ft (17 m). Lsd about 1,282 ft (391 m) above msl. MP top of plank cover, at lsd. Highest water level 33.01 ft (10.06 m) below lsd, Mar. 16, 1957; lowest 64.78 ft (19.74 m) below lsd, Nov. 2, 1966. Records available: 1952-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 8, 1971	56.31	Mar. 3, 1972	59.98	Sept. 29, 1972	63.16	May 5, 1973	57.38
June 25	53.98	Apr. 20	60.69	Nov. 30	62.49	June 29	55.54
Oct. 8	59.58	June 16	59.85	Jan. 8, 1973	61.82	Aug. 10	64.03
Dec. 28	60.34	Aug. 4	c60.98	Mar. 16	58.41		

c Nearby well being pumped.

472123119023201. Local number 22/30-33J1. Spencer James. Drilled unused water-table well in basalt, diam 6 in (15 cm), depth 172 ft (52 m), casing information not available. Lsd about 1,615 ft (492 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 114.03 ft (34.76 m) below lsd, June 20, 1962; lowest dry, June 25, Aug. 20, Oct. 8, 1971. Records available: 1962-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1971	122.6	June 25, 1971	(f)	Dec. 28, 1971	124.24	Apr. 20, 1972	122.48
Mar. 8	123.94	Aug. 20	(f)	Mar. 3, 1972	124.30	Mar. 16, 1973	135.20
Apr. 30	123.93	Oct. 8	(f)				

f Dry. Obstruction at 125-130 ft (38-40 m); well may have filled up.

King County

471131122025001. Local number 20/6-28L1. Sunrise Grange. Drilled unused water-table well in unknown aquifer, diam 8 in (20 cm), depth 160 ft (49 m), cased. Lsd about 678 ft (207 m) above msl. MP top north side of casing, at lsd. Highest water level 133.39 ft (40.66 m) below lsd, Mar. 26, 1965; lowest 150.48 ft (45.87 m) below lsd, Jan. 23, 1969. Records available: 1963-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1971	145.66	Sept. 13, 1971	144.55	June 6, 1972	141.15	Mar. 29, 1973	139.60
Mar. 4	145.93	Oct. 21	144.22	July 21	140.13	May 31	139.71
Apr. 20	145.64	Nov. 22	144.31	Aug. 8	139.71	July 17	139.95
June 2	147.00	Feb. 18, 1972	144.81	Oct. 16	138.96	Oct. 2	141.04
July 14	144.46	Apr. 11	143.88	Feb. 6, 1973	139.49	Nov. 28	142.28

471552122142101. Local number 21/4-36L1. M. Grispino, Pacific. Drilled irrigation water-table well in unknown aquifer, diam 6 in (15 cm), depth 60 ft (18 m), cased to 60 ft (18 m) perforated 50-60 ft (15-18 m). Lsd about 80 ft (24 m) above msl. MP top of casing, 0.43 ft (0.13 m) above lsd. Highest water level 4.16 ft (1.27 m) below lsd, Feb. 23, 1972; lowest 9.39 ft (2.86 m) below lsd, Oct. 23, 1970. Records available: 1961-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 20, 1971	4.84	Sept. 17, 1971	7.32	Aug. 8, 1972	6.72	May 31, 1973	6.77
Mar. 5	4.67	Nov. 15	6.17	Oct. 16	7.56	July 17	7.63
Apr. 22	4.58	Feb. 23, 1972	4.16	Feb. 6, 1973	4.45	Oct. 2	8.28
June 2	5.07	Apr. 10	4.18	Mar. 29	5.67	Nov. 28	5.99
July 26	46.17	June 8	4.97				

a Well being pumped.

473521122084001. Local number 24/5-10A1. Bellevue College. Drilled domestic water-table well in sand, diam 4 in (10 cm), reported depth 171 ft (52 m), cased to 171 ft (52 m). Lsd about 410 ft (125 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 132.70 ft (40.45 m) below lsd, Sept. 27, 1951; lowest 142.41 ft (43.41 m) below lsd, Feb. 19, 1964. Records available: 1951-53, 1956, 1958-59, 1963-71. Well destroyed; measurement discontinued. Jan. 20, 1971, 137.21; Mar. 5, 137.10; Apr. 22, 136.54; June 2, 135.90.

473316122081201. Local number 24/5-23E1. Horizon View Co. 151 Ave. SE and 152nd Pl. SE, Bellevue. Drilled public-supply water-table well in sandstone of Tertiary age, diam 12 in (30 cm), depth 385 ft (117 m), cased to 12 ft (4 m). Lsd about 935 ft (285 m) above msl. MP top of 2-in (5.1-cm) pipe, 1.27 ft (0.39 m) above lsd. Highest water level 128.54 ft (39.18 m) below lsd, Jan. 7, 1952; lowest 233.97 ft (71.31 m) below lsd, July 22, 1964. Records available: 1951-54, 1958-59, 1962-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 20, 1971	149.96	July 27, 1971	151.98	Apr. 10, 1972	142.75	Feb. 6, 1973	139.67
Mar. 5	149.29	Sept. 16	146.88	June 8	142.19	Mar. 29	139.11
Apr. 22	148.62	Nov. 17	146.09	Aug. 10	141.68	May 31	138.45
June 2	148.03	Feb. 23, 1972	143.90	Oct. 16	141.15	July 17	137.97

473230122131501. Local number 24/5-30E1. King County School District #400. Mercer Island. Dug domestic water-table well in unknown aquifer, diam 36 in (91 cm), depth 76 ft (23 m), casing information not available. Lsd about 335 ft (102 m) above msl. MP top of concrete cover at hole under pump, at lsd. Highest water level 64.19 ft (19.57 m) below lsd, May 18, 1959; lowest 70.54 ft (21.50 m) below lsd, Oct. 16, 1963. Records available: 1958-61, 1963-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 20, 1971	68.80	Sept. 16, 1971	67.20	Aug. 10, 1972	65.47	May 31, 1973	68.10
Mar. 5	68.67	Nov. 17	67.89	Oct. 16	66.29	July 17	69.24
Apr. 22	67.77	Feb. 23, 1972	68.14	Feb. 6, 1973	69.74	Oct. 2	70.40
June 2	66.80	Apr. 10	67.06	Mar. 29	68.07	Nov. 28	69.97
July 27	66.50	June 8	65.14				

474232122195901. Local number 26/4-30J1. Washelli Cemetery. Drilled unused water-table well in sand, diam 10 to 7 in (25 to 18 cm), depth 238 ft (73 m), cased with steel to 238 ft (73 m), perforated 0-109 ft (0-33 m). Lsd about 320 ft (98 m) above msl. MP top of 3/4-in (1.9-cm) coupling, 1.62 ft (0.49 m) above lsd. Highest water level 6.19 ft (1.89 m) below lsd, Jan. 29, 1959; lowest 10.23 ft (3.12 m) below lsd, Oct. 3, 1966. Records available: 1958-60, 1962-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 19, 1971	7.27	Sept. 17, 1971	9.08	July 17, 1972	8.30	May 11, 1973	8.04
Mar. 10	7.28	Oct. 25	8.88	Sept. 13	9.01	July 20	8.70
Apr. 22	6.91	Dec. 16	8.08	Nov. 28	8.78	Sept. 24	9.91
June 2	7.68	Mar. 14, 1972	6.63	Jan. 19, 1973	7.47	Nov. 26	8.88
July 27	8.53	May 22	7.56	Mar. 16	7.48		

Kittitas County

470140120314801. Local number 18/18-25C1. Port District of Kittitas Co. Ellensburg. Drilled unused water-table well in sand and gravel, diam 10 to 8 in (25 to 20 cm), depth 420 ft (128 m), cased to 316 ft (96 m), perforated 200-220 ft (61-67 m), 250-260 ft (76-79 m). Lsd about 1,716 ft (523 m) above msl. MP notch cut in pumpbase for air line, 0.40 ft (0.12 m) above lsd. Highest water level 57.62 ft (17.56 m) below lsd, July 24, 1956; lowest 71.71 ft (21.86 m) below lsd, Sept. 1, 1965. Records available: 1954-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1971	66.9	Sept. 13, 1971	64.5	June 9, 1972	64.1	April 16, 1973	68.1
Feb. 17	65.6	Oct. 26	64.5	July 18	70.2	June 12	65.8
Mar. 31	66.8	Dec. 13	65.4	Nov. 1	65.1	July 30	65.6
May 12	65.9	Jan. 31, 1972	65.3	Dec. 28	67.5	Oct. 2	65.7
June 23	64.1	Apr. 10	65.3	Feb. 21, 1973	67.5	Nov. 20	65.4
Aug. 3	64.8						

471132120543901. Local number 20/15-25P1. F. Ackerlund. Dug domestic water-table well in alluvium of flood plain along Yakima River, diam 5 ft (2 m), depth 10 ft (3 m), cribbed with wood to top of 5 ft (3 m). Lsd about 1,887 ft (575 m) above msl. MP top of plank deck at southeast side of pump column, at lsd. Highest water level 3.18 ft (0.97 m) below lsd, Mar. 12, 1949; lowest dry, Nov. 5, Dec. 19, 1969, Nov. 17, 1970, Jan. 4, 1971. Records available: 1946-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1971 (f)		Sept. 13, 1971	8.37	July 18, 1972	6.92	April 18, 1973	8.32
Feb. 17	6.7	Oct. 28	9.73	Sept. 7	9.13	July 30	7.68
May 10	7.69	Dec. 15	9.25	Nov. 1	8.92	Oct. 2	8.76
June 22	7.18	May 16, 1972	7.15	Dec. 28	8.50	Nov. 21	9.12
Aug. 3	8.92	June 1	6.08	Feb. 20, 1973	8.84		

f Dry.

Klickitat County

454325120554301. Local number 3/15-28A1. Frank Garner. Drilled unused water-table well in basalt and cemented gravel, diam 6 in (15 cm), depth 85 ft (26 m), cased. Lsd about 1,695 ft (517 m) above msl. MP top north side of casing, 1.80 ft (0.55 m) above lsd. Highest water level 6.86 ft (2.09 m) below lsd, Apr. 8, 1965; lowest 17.18 ft (5.24 m) below lsd, Oct. 15, 1973. Records available: 1957-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 26, 1971	11.42	Nov. 18, 1971	14.62	Sept. 21, 1972	14.60	June 26, 1973	14.89
Apr. 5	10.73	Jan. 4, 1972	14.23	Nov. 16	14.84	Aug. 20	16.71
May 29	10.46	Mar. 10	11.38	Jan. 11, 1973	13.67	Oct. 15	17.18
July 9	12.35	Apr. 28	11.18	Mar. 7	12.20	Mar. 12, 1974	9.27
Aug. 16	13.72	June 16	12.32	Apr. 30	12.61	Oct. 17	13.91
Oct. 8	14.54	Aug. 4	13.96				

455107120470601. Local number 4/16-10A1. Kenneth Anderson. Drilled unused water-table well in basalt, diam 6 in (15 cm), depth 178 ft (54 m), cased to 42 ft (13 m). Lsd about 1,712 ft (522 m) above msl. MP top of casing seal, 0.82 ft (0.25 m) above lsd. Highest water level 0.64 ft (0.20 m) above lsd, Jan. 3, 1972; lowest 1.23 ft (0.38 m) below lsd, Aug. 24, 1973. Records available: 1957-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 26, 1971	-3.51	Oct. 7, 1971	-1.17	Aug. 4, 1972	-5.18	April 30, 1973	-5.54
Apr. 5	3.56	Nov. 18	+.58	Sept. 21	2.54	June 26	7.13
May 30	8.03	Jan. 3, 1972	+.64	Nov. 16	3.08	Aug. 24	10.23
July 9	8.56	Apr. 28	-1.16	Jan. 8, 1973	2.54	Oct. 19	4.28
Aug. 16	5.57	June 16	2.81	Mar. 5	1.22	Dec. 3	-3.05

454715120434901. Local number 4/17-3111. T. V. Wilkins. Formerly Vic Thompson. Drilled un-used water-table well in basalt, diam 16 in (41 cm), depth 139 ft (42 m), cased. Lsd about 1,883 ft (574 m) above msl. MP top north side of casing, 1,70 ft (0.52 m) above lsd. Highest water level 0.99 ft (0.30 m) below lsd, Feb. 16, 1966; lowest 8.01 ft (2.44 m) below lsd, Sept. 9, 1969. Records available: 1957-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 26, 1971	3.13	Nov. 18, 1971	6.41	Sept. 21, 1972	7.35	Aug. 20, 1973	6.78
Apr. 5	4.09	Jan. 4, 1972	4.36	Nov. 16	6.20	Oct. 15	6.47
May 29	5.71	Mar. 10	2.10	Jan. 11, 1973	4.78	Dec. 4	2.18
July 9	6.80	Apr. 28	4.20	Mar. 18	3.31	Mar. 12, 1974	1.29
Aug. 16	7.60	June 16	5.82	Apr. 30	5.09	Oct. 17	4.90
Oct. 8	7.21	Aug. 4	7.44	June 26	6.41		

Lewis County

462804122494501. Local number 11/1W-5H1. Mrs. Joseph Sommer. Dug domestic and stock water-table well in sand, diam 4 ft (1 m), depth 46 ft (14 m), casing information not available. Lsd about 340 ft (104 m) above msl. MP top of pipe in concrete floor, 0.90 ft (0.27 m) above lsd. Highest water level 27.14 ft (8.27 m) below lsd, Mar. 12, 1971; lowest 44.50 ft (13.56 m) below lsd, Oct. 22, 1943. Records available: 1942-73. Measurement discontinued.

Feb. 3, 1971	35.99	Sept. 3, 1971	37.84	June 14, 1972	35.55	Feb. 22, 1973	38.39
Mar. 12	27.14	Oct. 4	36.82	Aug. 16	37.37	Apr. 25	35.99
Apr. 20	36.19	Dec. 14	28.44	Oct. 18	38.31	June 26	35.49
June 9	36.67	Feb. 8, 1972	33.83	Dec. 19	30.27	Oct. 24	38.19
July 20	37.31	Apr. 10	32.39				

463215122312201. Local number 12/2-1111. City of Tacoma. Drilled test water-table well in sand and gravel, diam 8 in (20 cm), depth 150 ft (46 m), cased to 102 ft (31 m). Lsd 587.3 ft (179.0 m) above msl. MP top of 2-in (5.1-cm) pipe extension of casing, 1.20 ft (0.37 m) above lsd. Highest water level 90.75 ft (27.66 m) below lsd, Apr. 30, 1959; lowest 102.11 ft (31.12 m) below lsd, July 7, 1966. Records available: 1959-73. Measurement discontinued.

Jan. 18, 1971	100.1	Sept. 3, 1971	100.6	June 14, 1972	96.8	Feb. 22, 1973	99.9
Mar. 16	97.3	Oct. 19	100.9	Aug. 16	98.8	Apr. 27	99.7
Apr. 20	97.1	Dec. 8	101.2	Oct. 20	100.2	June 26	100.4
June 8	98.2	Mar. 13, 1972	94.2	Dec. 20	101.2	Oct. 24	101.8
July 21	99.3	May 2	95.5				

463147122295901. Local number 12/2-13B1. N. A. Aldrich. Drilled irrigation water-table well in sand and gravel, diam 8 in (20 cm), depth 119 ft (36 m), cased to 117 ft (36 m), perforated 97-117 ft (30-36 m). Lsd about 620 ft (189 m) above msl. MP edge of coupling on access pipe through concrete pumpbase, 1.20 ft (0.37 m) above lsd. Highest water level 59.4 ft (18.1 m) below lsd, Mar. 13, 1972; lowest 85.31 ft (26.00 m) below lsd, Sept. 24, 1969. Records available: 1959-73. Measurement discontinued.

Jan. 18, 1971	77.7	Sept. 3, 1971	73.4	June 14, 1972	61.6	Feb. 22, 1973	74.8
Mar. 16	66.1	Oct. 19	76.4	Aug. 16	a70.4	Apr. 27	73.0
Apr. 20	63.2	Dec. 8	78.7	Oct. 20	74.8	June 26	74.2
June 8	65.9	Mar. 13, 1972	59.4	Jan. 11, 1973	78.2	Oct. 24	79.71
July 21	69.5	May 2	b57.3				

a Well being pumped.

b Well pumped recently.

463532122393202. Local number 13/1-22R2. R. Brooks. Formerly Charles E. Greene. Drilled irrigation artesian well in clay and sand, diam 8 in (20 cm), depth 150 ft (46 m), cased to 113 ft (34 m). Lsd about 600 ft (183 m) above msl. MP pressure gage, 1.50 ft (0.46 m) above lsd. Highest water level 28.1 ft (8.6 m) above lsd, Jan. 5, Feb. 7, May 12, June 23, 1967; lowest 3.5 ft (1.1 m) above lsd, Nov. 20, 1972, Oct. 16, 1974. Records available: 1962-74.

Feb. 5, 1971	+20.0	Sept. 16, 1971	+b10.5	July 20, 1972	+4.5	June 5, 1973	+10.5
Mar. 17	20.5	Nov. 5	b13.0	Sept. 18	7.5	Oct. 24	8.0
May 13	20.0	Dec. 14	b13.5	Nov. 20	3.5	Mar. 21, 1974	11.0
June 24	20.5	Feb. 22, 1972	11.5	Jan. 23, 1973	10.0	Oct. 16	3.5
Aug. 12	b5.5	May 5	13.5	Mar. 20	11.5		

b Well pumped recently.

463441122485201. Local number 13/1W-28P1. R. L. Wade. Drilled domestic and irrigation artesian well in sand, diam 6 in (15 cm), depth 112 ft (34 m), cased to 112 ft (34 m). Lsd about 360 ft (110 m) above msl. MP center of gage, 3.60 ft (1.10 m) above lsd. Highest water level 63.8 ft (19.5 m) above lsd, Apr. 18, 1956; lowest 15.6 ft (4.8 m) above lsd, Feb. 7, 1969. Records available: 1953-74.

Feb. 5, 1971	+34.6	Sept. 16, 1971	+31.6	July 20, 1972	+31.0	June 5, 1973	+26.6
Mar. 17	34.6	Nov. 5	31.6	Sept. 18	28.8	Oct. 24	23.7
May 13	32.6	Dec. 15	31.6	Nov. 20	30.6	Mar. 21, 1974	23.7
June 24	32.6	Feb. 22, 1972	31.6	Jan. 23, 1973	28.1	Oct. 16	21.6
Aug. 12	29.6	May 5	33.6	Mar. 20	28.5		

463623122541001. Local number 13/2W-14N1. Frank Hamilton. Drilled unused artesian well in sand, diam 4 to 2 in (10 to 5.1 cm), depth 295 ft (90 m), cased to 290 ft (88 m). Lsd about 228 ft (69 m) above msl. MP top of 1-in (2.5-cm) valve on top of casing, 1.50 ft (0.46 m) below lsd. Highest water level 2.25 ft (0.69 m) below lsd, May 12, 1965; lowest 47.91 ft (14.60 m) below lsd, Aug. 12, 1971. Records available: 1962-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 5, 1971	10.56	Aug. 12, 1971	47.91	Feb. 22, 1972	13.55	Nov. 20, 1972	13.70
Mar. 17	6.70	Sept. 16	47.80	May 5	12.40	Jan. 23, 1973	12.92
May 13	10.33	Nov. 5	32.87	July 20	13.10	Mar. 20	12.89
June 24	42.57	Dec. 15	15.62	Sept. 18	14.38		

463347122523701. Local number 13/2W-36P1. John A. Peterson. Drilled irrigation water-table well in sand and gravel; diam 6 in (15 cm); depth 135 ft (41 m); perforated 60-80 ft (18-24 m), 95-107 ft (29-33 m), 115-123 ft (35-37 m). Lsd about 470 ft (143 m) above msl. MP top of threaded collar on entry pipe, 0.65 ft (0.20 m) above lsd. Highest water level 19.58 ft (5.97 m) below lsd, Jan. 9, 1969; lowest 30.42 ft (9.27 m) below lsd, Aug. 26, 1953. Records available: 1953-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 5, 1971	22.13	Sept. 16, 1971	28.61	May 5, 1972	21.12	Jan. 23, 1973	23.33
Mar. 17	21.08	Oct. 4	28.68	July 20	26.30	Mar. 20	22.07
May 13	23.44	Nov. 5	26.19	Sept. 18	28.85	June 5	25.50
June 24	25.09	Dec. 15	22.04	Nov. 20	28.95	Oct. 24	29.50
Aug. 12	27.83	Feb. 22, 1972	20.35				

464154122572501. Local number 14/2W-17K2. Fred Oakes. 1411 South Gold St., Centralia. Drill-ed unused water-table well in sand, diam 6 in (15 cm), depth 80 ft (24 m), cased to 80 ft (24 m). Lsd about 175 ft (53 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 6.34 ft (1.93 m) below lsd, Feb. 19, 1954; lowest 15.66 ft (4.77 m) below lsd, Oct. 2, 1961. Records available: 1953-73. Well buried; measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 8, 1971	6.84	Sept. 16, 1971	13.36	Feb. 23, 1972	6.45	Nov. 20, 1972	12.99
Mar. 23	6.90	Oct. 4	13.19	May 5	7.97	Jan. 23, 1973	8.63
May 13	9.08	Nov. 5	11.88	July 20	11.70	Mar. 20	9.07
June 23	10.77	Dec. 15	8.25	Sept. 18	14.05	June 5	10.80
Aug. 10	12.65						

Lincoln County

473900118070001. Local number 25/37-14M1. Charles Straub, Sr. Dug unused water-table well in basalt, diam 4 ft (1 m), depth 27 ft (8 m), cribbed with brick to 27 ft (8 m). Lsd about 2,400 ft (732 m) above msl. MP top southwest corner of brick curb, 1.00 ft (0.30 m) above lsd. Highest water level 2.49 ft (0.76 m) below lsd, Apr. 1, 1969; lowest 22.91 ft (6.98 m) below lsd, Nov. 1, 1947. Records available: 1941-72. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 11, 1971	13.02	June 7, 1971	12.35	Sept. 16, 1971	13.74	Jan. 31, 1972	15.31
Feb. 22	12.69	Aug. 2	13.17	Nov. 29	14.45	Mar. 27	9.34
Apr. 19	11.77						

Okanogan County

482254119382001. Local number 33/25-1P1. Mr. Hartness. Dug irrigation water-table well in gravel, diam 4 ft (1 m), depth 42 ft (13 m), lined with concrete to 42 ft (13 m). Lsd about 1,320 ft (402 m) above msl. MP top of concrete curb, at lsd. Highest water level 9.54 ft (2.91 m) below lsd, Apr. 28, 1959; lowest 29.76 ft (9.07 m) below lsd, June 26, 1968. Records available: 1955-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 14, 1971	19.08	Sept. 25, 1971	a25.40	June 4, 1972	16.84	Apr. 26, 1973	15.89
Feb. 25	16.78	Dec. 1	17.21	July 17	all.71	June 13	25.17
Apr. 12	13.86	Jan. 31, 1972	18.14	Nov. 9	15.07	Oct. 3	a27.99
June 11	a12.28	Apr. 7	13.93	Jan. 4, 1973	14.65	Nov. 20	21.12
July 30	20.54						

a Well being pumped.

482443119313101. Local number 34/26-26Q1. City of Omak, well 1. Juniper St. North and Apple Ave. East. Dug public-supply water-table well in stream gravel of Okanogan River, diam 12 ft (4 m), depth 30 ft (9 m), lined with concrete. Lsd about 820 ft (350 m) above msl. MP top edge of wooden cover at 4-in (1.3-cm) hole, 2.90 ft (0.88 m) below lsd. Highest water level 5.10 ft (1.55 m) below lsd, May 16, 1949; lowest 20.59 ft (6.28 m) below lsd, Oct. 28, 1948. Records available: 1939-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 25, 1971	14.04	Dec. 1, 1971	13.95	Sept. 15, 1972	a23.16	June 13, 1973	a22.74
Apr. 12	14.42	Feb. 10, 1972	13.38	Nov. 9	13.80	Aug. 3	a23.81
June 11	7.59	Apr. 7	12.25	Jan. 4, 1973	13.99	Oct. 3	14.05
July 30	a23.88	June 4	a13.56	Apr. 26	a23.54	Nov. 29	13.84
Sept. 25	14.79	July 17	a20.69				

a Well being pumped.

GROUND-WATER LEVELS, 1971-74, NORTHWESTERN STATES

482527119334001. Local number 34/26-28A1. Charles Byrd. Dug irrigation water-table well in terrace gravel deposits, diam 36 in (91 cm); depth 43 ft (13 m), previously reported 35 ft (11 m); lined with concrete. Lsd about 1,300 ft (396 m) above msl. MP top west side of concrete curb, 1.19 ft (0.36 m) above lsd. Highest water level 28.86 ft (8.80 m) below lsd, June 26, 1950; lowest 36.01 ft (10.98 m) below lsd, June 21, 1957. Records available: 1939-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 15, 1971	32.30	Sept. 25, 1971	31.64	July 17, 1972	b33.10	June 13, 1973	33.21
Feb. 25	33.74	Dec. 1	32.19	Sept. 15	a34.63	Aug. 2	a37.19
Apr. 12	33.01	Feb. 10, 1972	33.04	Nov. 9	31.10	Oct. 3	32.75
June 11	32.12	Apr. 7	32.77	Jan. 1, 1973	b32.16	Nov. 29	32.89
July 30	a35.31	June 4	32.53	Apr. 26	b41.34		

a Well being pumped.

b Well pumped recently.

484033119310301. Local number 37/26-26J1. Plateau Orchards, Inc. Drilled irrigation water-table well in gravel, diam 10 in (25 cm), depth 90 ft (27 m), cased to 90 ft (27 m). Lsd 1,431.84 ft (436.42 m) above msl. MP bottom of slot in north side of casing, at lsd. Highest water level 59.05 ft (18.00 m) below lsd, Oct. 2, 1974; lowest dry, Aug. 25, 1969. Records available: 1964-74

Feb. 25, 1971	74.04	Feb. 10, 1972	75.92	Jan. 4, 1973	69.65	Jan. 30, 1974	68.28
Apr. 13	72.51	Apr. 6	79.49	Apr. 26	c67.41	Mar. 28	64.16
June 10	72.69	June 4	b71.38	June 12	c70.61	May 23	59.78
July 24	c75.59	July 17	b71.65	Aug. 2	c73.78	Aug. 14	60.05
Sept. 24	c79.49	Sept. 11	b74.06	Oct. 3	74.43	Oct. 2	59.05
Nov. 30	72.60	Nov. 9	71.10	Nov. 28	72.08	Dec. 4	61.25

b Well pumped recently.

c Nearby well being pumped.

4856041119252401. Local number 40/27-27N1. Zosel Lumber Co. Oroville. Dug unused water-table well in sand and gravel, diam 36 in (91 cm), depth 11 ft (3 m), cased with concrete. Lsd about 920 ft (280 m) above msl. MP edge of door sill at arrow, 0.50 ft (0.15 m) above lsd. Highest water level 2.23 ft (0.68 m) below lsd, June 5, 1972; lowest 10.03 ft (3.06 m) below lsd, Mar. 3, 1967. Records available: 1945-73. Measurement discontinued.

Jan. 12, 1971	8.83	May 26, 1972	4.12	Nov. 7, 1972	8.33	July 31, 1973	8.52
June 9	5.50	June 5	2.23	Jan. 2, 1973	8.51	Oct. 1	8.61
Feb. 9, 1972	9.06	July 19	5.44	Apr. 23	8.94	Nov. 27	8.69
Apr. 5	7.82	Sept. 13	7.53	June 11	8.06		

Pierce County

465712122330702. Local number 17/2-16Q4. James Gonia. Near McKenna. Drilled domestic artesian well in sand, diam 6 in (15 cm), depth 115 ft (35 m), casing information not available. Lsd about 315 ft (96 m) above msl. MP top of casing, 0.70 ft (0.21 m) above lsd. Highest water level 1.81 ft (0.55 m) below lsd, Mar. 3, 1961; lowest 22.47 ft (6.85 m) below lsd, Aug. 11, 1972. Records available: 1945-73. Measurement discontinued.

Jan. 19, 1971	6.55	Sept. 14, 1971	b12.92	June 7, 1972	b17.00	Mar. 30, 1973	5.72
Mar. 9	b5.04	Oct. 21	b10.22	Aug. 11	22.47	June 5	10.74
Apr. 22	b4.38	Nov. 16	b8.13	Oct. 17	8.50	Oct. 4	9.52
June 2	b4.72	Feb. 7, 1972	b3.86	Dec. 6	8.36	Nov. 28	9.48
July 13	b6.82	Apr. 11	b4.90	Feb. 7, 1973	5.71		

b Well pumped recently.

4659581122324101. Local number 18/2-34N1. S. V. Sprouffske and Bert L. Smith. Roy. Dug domestic water-table well in sand and gravel, diam 36 in (91 cm), depth 15 ft (5 m), lined with concrete to 15 ft (5 m). Lsd about 310 ft (94 m) above msl. MP top of concrete tile casing, 2.50 ft (0.76 m) above lsd. Highest water level 2.79 ft (0.85 m) below lsd, Jan. 27, 1956; lowest 12.47 ft (3.80 m) below lsd, Nov. 6, 1952. Records available: 1945-73. Measurement discontinued.

Jan. 19, 1971	4.56	Sept. 14, 1971	10.29	April 11, 1972	3.80	Feb. 7, 1973	4.98
Mar. 9	b3.97	28	10.67	June 7	6.30	Mar. 30	5.93
Apr. 22	3.30	Oct. 21	11.29	Aug. 11	8.80	June 5	7.91
June 2	6.22	Nov. 16	10.45	Oct. 17	8.80	Oct. 4	7.90
July 13	7.73	Feb. 7, 1972	3.42	Dec. 6	10.71	Nov. 29	7.78

b Well pumped recently.

470227122230201. Local number 18/3-14Q1. R. H. Butts. Drilled domestic water-table well in unknown aquifer, diam 6 in (15 cm), depth 62 ft (19 m), cased with sheet iron. Lsd about 460 ft (140 m) above msl. MP top of sheet iron casing extension under pump, at lsd. Highest water level 28.02 ft (8.54 m) below lsd, Feb. 28, 1961; lowest 52.10 ft (15.88 m) below lsd, Nov. 3, 1941. Records available: 1940-48, 1958-73. Measurement discontinued.

Feb. 1, 1971	37.42	Sept. 13, 1971	48.70	April 11, 1972	34.80	Feb. 7, 1973	38.12
Mar. 4	35.48	28	50.05	June 7	44.30	Mar. 30	39.99
Apr. 20	45.04	Oct. 21	50.38	Aug. 10	447.04	June 4	48.15
June 2	43.38	Nov. 16	48.66	Oct. 17	445.54	Oct. 2	50.02
July 13	46.34	Feb. 7, 1972	32.23	Dec. 6	449.36	Nov. 29	46.95

d Nearby well pumped recently.

470308122154601. Local number 18/4-14C1. G. Robert Woetius. Drilled domestic water-table well in sand and gravel, diam 4 in (10 cm), depth 65 ft (20 m), cased. Lsd about 775 ft (236 m) above msl. MP top east side of block pump pit wall, 0.56 ft (0.17 m) above lsd. Highest water level 48.11 ft (14.66 m) below lsd, Feb. 5, 1970; lowest 61.86 ft (18.85 m) below lsd, Dec. 30, 1944. Records available: 1940-48, 1958-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1971	49.90	Sept. 13, 1971	55.89	Apr. 11, 1972	49.44	Feb. 7, 1973	b52.87
Mar. 4	51.17	28	a57.55	June 7	b51.47	Mar. 30	b53.51
Apr. 20	50.48	Oct. 21	56.88	Aug. 10	b53.60	June 4	b57.19
June 3	52.24	Nov. 23	56.65	Oct. 17	b54.90	Oct. 2	b57.39
July 13	b54.05	Feb. 7, 1972	51.03	Dec. 6	b55.61	Nov. 29	b56.41

c Well being pumped.
d Well pumped recently.

470742122263301. Local number 19/3-17R1. Parkland Light and Water. Parkland. Drilled test water-table well in sand, diam 8 in (20 cm), depth 265 ft (81 m), cased. Lsd about 270 ft (82 m) above msl. MP top of coupling in casing cap, 0.50 ft (0.15 m) above lsd. Highest water level 6.64 ft (2.02 m) below lsd, Feb. 26, 1968; lowest 47.70 ft (14.54 m) below lsd, June 15, 1964. Records available: 1961-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1, 1971	c16.89	Sept. 13, 1971	c46.20	June 7, 1972	d12.49	Mar. 30, 1973	37.93
Mar. 4	d39.34	Oct. 21	20.53	Aug. 11	d36.10	June 4	34.47
Apr. 22	c29.87	Nov. 16	22.15	Oct. 10	d29.51	Oct. 2	20.00
June 2	c15.76	Feb. 7, 1972	7.51	Dec. 6	d20.80	Nov. 30	13.94
July 13	c50.68	Apr. 11	8.10	Feb. 7, 1973	11.78		

c Nearby well being pumped.
d Nearby well pumped recently.

470933122182001. Local number 19/4-4L1. Fruitland Mutual Water Co. Drilled unused water-table well in gravel, diam 6 in (15 cm), depth 240 ft (73 m), cased to 240 ft (73 m), perforated 200-235 ft (61-72 m). Lsd about 355 ft (108 m) above msl. MP top of 2-in (5.1-cm) coupling in casing cap, 0.68 ft (0.21 m) above lsd. Highest water level 209.40 ft (63.83 m) below lsd, Oct. 18, 1972; lowest 239.28 ft (72.93 m) below lsd, Feb. 1, 1971. Records available: 1964-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1, 1971	239.28	Nov. 23, 1971	c225.98	Dec. 6, 1972	213.78	Jan. 14, 1974	219.23
Mar. 4	c238.40	Feb. 18, 1972	c231.98	Feb. 7, 1973	218.09	Mar. 29	214.42
Apr. 20	c236.17	Apr. 2	c221.18	Mar. 30	220.86	May 16	222.97
June 3	d229.66	June 7	d214.40	June 4	220.26	July 22	214.84
July 14	225.82	Aug. 10	d207.80	Oct. 2	217.72	Sept. 16	224.82
Sept. 13	c225.56	Oct. 18	209.40	Dec. 4	227.37	Nov. 19	215.37
Oct. 21	c224.93						

c Nearby well being pumped.
d Nearby well pumped recently.

470913122180701. Local number 19/4-9B2. Fruitland Mutual Water Co. Drilled public-supply water-table well in gravel, diam 12 in (30 cm), depth 316 ft (96 m), cased to 296 ft (90 m), screened 296-316 ft (90-96 m). Lsd about 410 ft (125 m) above msl. MP top of seal bolt hole, 2.00 ft (0.61 m) above lsd. Highest water level 237.27 ft (72.32 m) below lsd, Feb. 2, 1967; lowest 287.78 ft (87.72 m) below lsd, Nov. 20, 1968. Records available: 1964-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1971	b287.47	Oct. 21, 1971	b268.85	Apr. 24, 1972	(a)	Oct. 18, 1972	b252.34
Mar. 4	b287.89	Nov. 23	b276.70	June 7	b255.57	Dec. 6	b254.19
July 14	b268.86	Feb. 7, 1972	b268.70	Aug. 11	b251.08	Mar. 30, 1973	b265.02
Sept. 13	b268.56						

a Well being pumped.
b Well pumped recently.

470732122185301. Local number 19/4-20A2. C. O. Aamodt. Fir Grove. Drilled domestic and stock water-table well in sand and gravel, diam 10 in (25 cm), depth 256 ft (78 m), cased to 232 ft (71 m), perforated 232-252 ft (71-77 m). Lsd about 453 ft (138 m) above msl. MP top of casing seal at 5 1/2-in (.63-in) hole, 1.70 ft (0.52 m) above lsd. Highest water level b193.59 ft (59.01 m) below lsd, Apr. 24, 1972; lowest 217.38 ft (66.26 m) below lsd, May 6, 1970. Records available: 1963-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1971	209.01	Sept. 13, 1971	203.84	June 7, 1972	b195.27	Mar. 29, 1973	b202.72
Mar. 4	203.15	Oct. 21	205.67	Aug. 10	b198.82	June 4	b204.41
Apr. 20	199.57	Nov. 16	206.99	Oct. 16	b202.31	Oct. 2	b209.89
June 3	199.87	Feb. 18, 1972	201.14	Dec. 16	b214.52	Nov. 28	b212.25
July 13	201.21	Apr. 24	b193.59	Feb. 6, 1973	b204.56		

b Well pumped recently.

471356122312601. Local number 20/2-11M1. Fircrest Golf Club. Fircrest. Drilled irrigation water-table well in sand and gravel, diam 10 in (25 cm), depth 257 ft (78 m), cased to 236 ft (72 m), perforated 236-252 ft (72-77 m). Lsd about 318 ft (97 m) above msl. MP top edge of 3 1/4-in (1.9-cm) pipe at southeast corner of pumpbase, 2.25 ft (0.69 m) above lsd. Highest water level 86.24 ft (26.29 m) below lsd, Nov. 23, 1971; lowest 131.02 ft (39.93 m) below lsd, Sept. 4, 1969. Records available: 1961-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 11, 1971	99.40	July 13, 1971	102.30	Feb. 17, 1972	97.69	Dec. 20, 1972	98.58
Mar. 9	98.04	Sept. 13	99.77	April 24	95.75	Feb. 7, 1973	95.95
Apr. 16	102.52	Oct. 22	98.42	Aug. 11	129.85	Mar. 30	96.24
May 27	100.67	Nov. 23	86.24	Oct. 18	99.65		

GROUND-WATER LEVELS, 1971-74, NORTHWESTERN STATES

471338122282201. Local number 20/3-18C1. City of Tacoma, well T-10. Drilled observation water-table well in sand and gravel, diam 12 in (30 cm), depth 185 ft (56 m), cased to 152 ft (46 m), perforated 152-175 ft (46-53 m). Lsd 321.64 ft (98.04 m) above msl. MP top of recorder-shelter base, 9.48 ft (2.89 m) below lsd. Highest water level 89.16 ft (27.18 m) below lsd, June 9, 1952; lowest 127.38 ft (38.83 m) below lsd, Mar. 27, 1974. Records available: 1952-74. Recording gage removed December 1971.

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	c124.35	111.99	109.66	c120.64	c123.79	d111.13	c123.64	d113.54	d111.72	c124.47	.....	.....
10	d111.65	d113.52	111.16	d110.09	c122.82	c121.72	111.07	c124.39	112.76	111.28	d114.88	.....
15	c121.80	c121.93	111.39	c119.63	c123.68	111.78	c120.67	c124.29	c122.53	d111.76	d113.54	.....
20	c124.22	d113.90	110.60	109.23	c122.84	111.27	c121.21	d116.10	c123.08	d112.91	112.42	d112.32
25	c122.93	113.11	109.66	108.75	c122.60	d112.00	c122.58	c124.02	d112.54	110.90	.....	.....
Eom	c124.34	112.43	c120.17	108.50	d114.20	c121.82	d114.31	d114.78	c121.97	c124.35	.....	111.41

c Nearby well being pumped.
d Nearby well pumped recently.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 11, 1972	c120.70	Oct. 18, 1972	112.33	Oct. 25, 1973	h112.99	May 15, 1974	116.67
Feb. 25	d115.38	Jan. 7, 1973	113.99	Dec. 6	h111.20	July 22	119.76
Apr. 10	114.17	Feb. 22	h111.53	Jan. 31, 1974	124.14	Sept. 16	120.49
June 7	113.23	May 30	119.78	Mar. 27	127.38	Nov. 13	110.26
Aug. 11	c125.68	Aug. 13	123.39	Apr. 1	108.85		

c Nearby well being pumped.
d Nearby well pumped recently.
h Tape measurement.

4713812213701. Local number 20/4-36H2. Frank Chervenka. Pioneer Way and Summer-Orting Rd. Drilled irrigation water-table well in unknown aquifer, diam 6 in (15 cm), depth 78 ft (24 m), cased. Lsd about 78 ft (24 m) above msl. MP top of concrete pumpbase, 0.70 ft (0.21 m) above lsd. Highest water level 2.91 ft (0.89 m) below lsd, Feb. 26, 1961; lowest 8.79 ft (2.68 m) below lsd, Oct. 13, 1959. Records available: 1938-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1971	3.64	Sept. 13, 1971	7.17	Apr. 11, 1972	3.99	Feb. 6, 1973	a5.17
Mar. 4	4.37	.....	7.26	June 7	a10.45	Mar. 28	a5.69
Apr. 20	4.68	Oct. 21	7.33	Aug. 10	a6.48	May 31	a7.49
June 27	b5.90	Nov. 22	7.37	Oct. 16	a6.72	Oct. 2	a7.65
July 14	6.15	Feb. 18, 1972	2.98	Dec. 7	a6.44	Nov. 28	a5.15

a Well being pumped.
b Well pumped recently.

Spokane County

473645117441401. Local number 24/40-3A1. William McGourin. Dug domestic water-table well in basalt, size 12 x 25 ft (4 x 8 m), depth 12 ft (4 m), lined with concrete to 4 ft (1 m). Lsd about 2,350 ft (716 m) above msl. MP top of subfloor, 2.00 ft (0.61 m) below lsd. Highest water level 1.29 ft (0.39 m) below lsd, May 7, 1969; lowest 7.00 ft (2.13 m) below lsd, Apr. 6, 1973. Records available: 1963-73. Measurement discontinued. Apr. 6, 1971, 1.60; Nov. 2, 4.74; Mar. 28, 1972, 1.40; Oct. 24, 4.30; Apr. 6, 1973, 7.00; Nov. 12, 3.94.

473670117322801. Local number 24/42-6J1. Glen Johnson. Drilled unused water-table well in basalt, diam 6 in (15 cm), depth 115 ft (35 m), cased to 60 ft (18 m). Lsd about 2,395 ft (730 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 35.64 ft (10.86 m) below lsd, Apr. 21, 1970; lowest 39.90 ft (12.16 m) below lsd, Nov. 12, 1973. Records available: 1963-74.

Apr. 5, 1971	36.44	Mar. 28, 1972	35.50	Apr. 6, 1973	38.00	Mar. 1, 1974	35.75
Nov. 2	37.50	Oct. 24	38.05	Nov. 12	39.90	Oct. 29	36.18

473240117261901. Local number 24/42-25G1. Henry F. Mindrup. Drilled irrigation water-table well in basalt, diam 8 in (20 cm), depth 135 ft (41 m), cased to 25 ft (8 m). Lsd about 2,320 ft (707 m) above msl. MP top of casing cap at hole, 1.50 ft (0.46 m) above lsd. Highest water level 18.29 ft (5.57 m) below lsd, May 6, 1969; lowest 52.39 ft (15.97 m) below lsd, Sept. 19, 1967. Records available: 1964-74.

Jan. 4, 1971	35.44	Jan. 3, 1972	30.89	Dec. 12, 1972	30.72	Jan. 14, 1974	24.53
Feb. 16	27.05	Feb. 14	26.82	Feb. 7, 1973	27.75	Mar. 1	20.60
Apr. 15	24.65	Mar. 28	24.39	Apr. 6	26.55	May 3	21.69
May 17	a38.52	May 8	39.98	June 1	a47.72	June 26	44.02
June 30	28.43	July 18	a39.97	July 20	a45.88	Aug. 21	43.80
Aug. 9	a40.26	Aug. 21	39.51	Sept. 20	a37.65	Oct. 25	39.00
Sept. 20	38.88	Oct. 25	33.47	Nov. 12	a37.78	Dec. 17	21.43
Nov. 2	35.92						

a Well being pumped.

473940117275401. Local number 25/42-14L1. Riverside Memorial Park. Dug irrigation water-table well in fluvioglacial outwash gravel, diam 6 ft (2 m), depth 110 ft (34 m), lined with concrete to 82 ft (25 m), perforated 82-100 ft (25-30 m). Lsd about 1,787 ft (545 m) above msl. MP top east corner of pumpbase flange, at lsd. Highest water level 81.73 ft (24.91 m) below lsd, June 7, 1948; lowest 101.96 ft (31.08 m) below lsd, Sept. 24, 1973. Records available: 1941-74.

473940117275401--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1971	96.97	Jan. 27, 1972	96.96	Sept. 18, 1972	97.29	June 15, 1973	97.50
27	96.96	Feb. 16	96.15	20	97.56	27	97.98
Feb. 1	95.73	21	95.79	Oct. 9	97.69	28	97.98
22	93.48	Mar. 1	95.02	11	97.74	July 20	99.33
Mar. 29	94.22	9	93.49	20	97.57	Aug. 30	995.89
Apr. 9	94.15	21	90.97	27	97.68	Sept. 24	101.96
20	93.31	28	89.14	Nov. 2	97.70	Oct. 23	98.74
22	93.34	Apr. 4	88.73	13	97.77	Nov. 17	98.39
May 17	89.73	11	88.92	20	97.84	19	98.15
20	88.92	20	89.34	Dec. 4	98.09	Dec. 20	95.03
24	a89.37	May 9	90.96	11	97.80	Jan. 23, 1974	89.29
June 21	88.79	12	90.57	15	97.77	Feb. 21	88.93
22	a90.19	22	89.02	20	97.87	Mar. 1	88.60
July 2	90.43	June 7	87.23	Jan. 22, 1973	96.68	Apr. 21	90.73
21	93.24	12	86.69	Feb. 8	96.23	May 2	90.53
Aug. 20	96.72	19	87.08	20	96.23	June 25	86.69
24	97.60	July 6	a91.95	Mar. 21	96.55	July 22	91.26
Sept. 20	99.34	28	b94.64	Apr. 9	96.48	Aug. 22	96.27
24	97.60	Aug. 2	94.64	11	96.49	Sept. 25	97.14
Oct. 21	97.51	10	95.77	May 25	96.86	Oct. 21	96.11
Nov. 1	97.63	22	96.24	28	96.82	Nov. 25	96.15
22	97.69	23	97.69	June 14	a98.69	Dec. 23	96.51
Dec. 20	97.46	25	96.64				
Jan. 12, 1972	97.6						

a Well being pumped.

b Well pumped recently.

474052117194601. Local number 25/43-1106. City of Spokane, gage well 1. Trent Ave. and Waterworks St. Dug observation water-table well in fluvioglacial gravel, diam 30 in (76 cm), depth 65 ft (20 m), lined with concrete to 64 ft (20 m). Lsd 1,934.31 ft (589.58 m) above msl. MP top north side of concrete casing, 1.47 ft (0.45 m) above lsd. Highest water level 39.07 ft (11.91 m) below lsd, Dec. 26, 1933; lowest 60.87 ft (18.55 m) below lsd, July 9, 1931. Records available: 1926-73. Measurement discontinued.

Jan. 4, 1971	56.41	Sept. 20, 1971	58.28	July 18, 1972	56.58	Apr. 5, 1973	55.35
Feb. 16	50.41	Nov. 1	57.76	Aug. 21	58.44	May 31	56.80
Apr. 7	51.17	Jan. 5, 1972	56.77	Oct. 25	58.31	July 20	59.55
May 17	42.94	Feb. 17	55.35	Dec. 12	58.76	Sept. 20	58.36
June 30	51.42	Mar. 28	43.76	Feb. 6, 1973	54.63	Nov. 12	57.59
Aug. 10	58.01	May 8	47.72				

473952117181301. Local number 25/43-13H1. Dr. Henry Weitz. 805 North Park Rd., Spokane. Dug unused water-table well in sand and gravel, diam 18 in (46 cm), depth 71 ft (22 m), lined with concrete to 70 ft (21 m). Lsd about 1,960 ft (597 m) above msl. MP top of casing, 6.50 ft (1.98 m) below lsd. Highest water level 55.57 ft (16.94 m) below lsd, June 26, 1974; lowest 69.53 ft (21.19 m) below lsd, Sept. 20, 1973. Records available: 1958-74. Recording gage removed December 1971.

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	66.71	63.17	62.70	63.54	60.18	57.19	61.47	66.12	67.40	67.28	67.33	66.76
10	66.81	62.60	63.17	63.07	58.85	57.58	62.69	66.56	67.28	67.29	67.29	66.82
15	66.74	62.61	63.45	62.23	57.56	58.01	63.42	66.91	67.30	67.29	67.27	66.84
20	66.62	62.14	63.60	61.79	56.74	58.50	64.15	67.23	67.34	67.33	67.18	66.87
25	66.01	62.27	63.86	61.46	56.96	59.22	64.79	67.48	67.36	67.32	67.14	66.91
Eom	64.60	62.35	63.74	60.85	57.27	60.09	65.55	67.63	67.28	67.34	66.92	.....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1972	66.94	Oct. 25, 1972	67.76	July 20, 1973	68.62	May 3, 1974	56.67
Feb. 14	65.42	Dec. 2	67.42	Sept. 20	69.53	June 26	55.57
Mar. 28	57.07	Feb. 6, 1973	66.10	Nov. 12	68.20	Aug. 21	65.08
May 8	59.87	Apr. 5	65.64	Jan. 10, 1974	64.17	Oct. 24	65.79
July 19	64.15	May 31	65.75	Mar. 1	60.63	Dec. 17	66.62
Aug. 21	66.93	June 15	66.52				

473922117180201. Local number 25/44-19D1. Spokane County. Edgecliff Sanitarium. Dug institutional water-table well in sand and gravel, diam 60 to 30 in (152 to 76 cm), depth 88 ft (27 m), lined with brick to 82 ft (25 m), cased to 88 ft (27 m). Lsd 1,962.7 ft (598.2 m) above msl. MP top "I" beam pump support, 1.27 ft (0.39 m) above lsd. Highest water level 67.97 ft (20.72 m) below lsd, June 13, 1950; lowest 89.80 ft (27.37 m) below lsd, May 3, 1974. Records available: 1920, 1928-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1971	80.31	Jan. 5, 1972	82.00	Dec. 12, 1972	a80.17	Jan. 10, 1974	76.86
Feb. 16	a76.02	Feb. 14	78.42	Feb. 6, 1973	a77.91	Mar. 4	73.88
Apr. 7	a76.78	Mar. 28	70.35	Apr. 5	a78.93	May 3	89.80
May 8	70.46	May 8	72.95	May 31	a77.50	June 26	68.70
June 30	72.98	July 19	a76.32	July 20	a82.02	Aug. 21	79.15
Aug. 10	a79.99	Aug. 21	a79.88	Sept. 20	a83.12	Oct. 24	81.37
Sept. 20	a79.32	Oct. 25	a82.46	Nov. 12	a82.25	Dec. 17	79.75
Nov. 1	81.11						

a Well being pumped.

473924117130001. Local number 25/44-23D1. Mr. Boisvert. U.S. Highway 10 and Evergreen Rd. Dug irrigation water-table well in fluvioglacial gravel, diam 48 to 18 in (122 to 46 cm), depth 97 ft (30 m), lined with brick to 97 ft (30 m). Lsd 2,016.74 ft (614.70 m) above msl. MP top south edge of concrete curb, 0.52 ft (0.16 m) above lsd. Highest water level 77.85 ft (23.73 m) below lsd, Apr. 8, 1950; lowest 95.40 ft (29.08 m) below lsd, Dec. 8, 1931. Records available: 1931-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1971	91.97	Jan. 5, 1972	92.33	Dec. 12, 1972	90.61	Jan. 10, 1974	77.94
Feb. 16	97.20	Feb. 14	89.58	Feb. 6, 1973	87.30	Mar. 1	83.40
Apr. 7	87.45	Mar. 28	82.76	Apr. 5	88.57	May 3	80.25
May 17	82.87	May 8	83.20	May 31	91.56	June 26	78.91
June 30	83.34	July 19	87.06	July 20	93.06	Aug. 21	86.99
Aug. 10	90.41	Aug. 21	90.94	Sept. 20	94.78	Oct. 25	89.87
Sept. 20	91.17	Oct. 25	93.13	Nov. 19	92.33	Dec. 17	89.90
Nov. 1	91.27						

474011117072901. Local number 25/45-16C1. Inland Empire Paper Co. Dug unused water-table well in sand and gravel, diam 8 ft (2 m), depth 129 ft (39 m), lined with gunite cement to 129 ft (39 m). Lsd 2,060.4 ft (628.0 m) above msl. MP top of manhole rim, 1.20 ft (0.37 m) above lsd. Highest water level 84.56 ft (25.77 m) below lsd, June 17, 1953; lowest 114.53 ft (34.91 m) below lsd, Dec. 8, 1931. Records available: 1920, 1929-55, 1957-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1971	106.89	Jan. 5, 1972	107.34	Dec. 13, 1972	103.09	Jan. 10, 1974	104.38
Feb. 16	104.35	Feb. 14	106.40	Feb. 6, 1973	104.39	Mar. 4	98.14
Apr. 7	103.15	Mar. 28	99.52	Apr. 5	105.55	May 1	95.24
May 17	100.20	May 8	99.35	May 31	106.59	June 17	93.31
June 30	99.74	July 19	101.12	July 20	107.38	Aug. 21	102.14
Aug. 10	105.35	Aug. 21	104.57	Sept. 20	110.74	Oct. 25	103.60
Sept. 20	107.54	Oct. 25	106.50	Nov. 12	109.30	Dec. 13	104.07
Nov. 1	107.16						

474436117245501. Local number 26/43-19A1. Whitworth Water District #2. Holland and Ivanhoe Rds. Dug public-supply and irrigation water-table well in fluvioglacial gravel, diam 6 ft (2 m), depth 162 ft (49 m), lined with concrete to 162 ft (49 m). Lsd 1,935.91 ft (590.07 m) above msl. MP 4-in (1.3-cm) hole beside float gage, 2.23 ft (0.68 m) above lsd. Highest water level 133.72 ft (40.78 m) below lsd, Mar. 15, 1934; lowest 140.92 ft (42.95 m) below lsd, June 25, 1974. Records available: 1930-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1971	al39.65	Apr. 6, 1971	al37.72	Aug. 10, 1971	al40.71	Oct. 26, 1972	137.71
5	al39.00	12	al38.25	16	al39.05	Dec. 8	137.72
11	al38.45	19	al38.35	23	al38.45	Feb. 5, 1973	137.49
18	al37.85	26	al38.45	30	al39.05	Apr. 9	137.24
25	al39.05	May 3	al38.05	Sept. 7	al39.35	May 31	al41.71
Feb. 1	al38.65	10	al38.05	12	al39.55	July 24	al44.31
8	al38.75	17	al38.25	20	al39.55	Sept. 20	al43.51
15	al38.35	24	al38.75	21	al39.73	Nov. 13	140.35
18	al39.64	31	al38.05	27	al39.05	Jan. 10, 1974	138.41
22	al38.15	June 6	135.46	Nov. 1	137.93	Mar. 1	136.56
Mar. 1	al38.65	7	al38.85	Jan. 12, 1972	al40.8	May 2	135.37
8	al38.45	14	al38.95	Feb. 15	al38.59	June 25	140.92
15	al38.85	21	al39.05	Mar. 30	al37.81	Aug. 19	140.27
22	al38.55	28	al39.05	May 9	al35.60	Oct. 24	137.26
29	al37.85	Aug. 2	al38.65	July 5	al38.04	Dec. 10	138.73
Apr. 5	al38.55	9	al38.85	Aug. 23	al39.89		

a Well being pumped.

474224117075901. Local number 26/45-32J2. John Fry. Formerly C. F. Goodner. Drilled unused water-table well in sand and gravel, diam 8 in (20 cm), depth, 155 ft (47 m), cased to 155 ft (47 m), perforated 132-154 ft (40-47 m). Lsd about 2,080 ft (634 m) above msl. MP top of casing, 0.30 ft (0.09 m) above lsd. Highest water level 117.15 ft (35.71 m) below lsd, June 26, 1974; lowest 134.95 ft (41.13 m) below lsd, Sept. 20, 1973. Records available: 1958-61, 1963-74. Recording gage removed November 1971.

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	130.98	129.39	128.27	128.76	.....	.....	124.27	128.60	130.92	130.92	.....	.....
10	131.07	128.36	128.36	.....	.....	.....	125.18	129.09	130.90	130.95	.....	.....
15	131.12	128.63	128.57	.....	.....	.....	125.86	129.59	130.90	130.98	.....	.....
20	131.13	128.64	128.64	.....	.....	.....	126.59	130.00	130.94	131.01	.....	.....
25	130.77	128.25	128.73	.....	.....	.....	127.28	130.46	130.98	131.01	.....	.....
Eom	130.10	128.22	128.87	.....	.....	123.62	128.01	130.85	130.93	131.06	.....	.....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1972	131.52	Dec. 13, 1972	126.47	Sept. 20, 1973	134.95	June 26, 1974	117.15
June 8	123.62	Feb. 6, 1973	124.55	Nov. 11	134.09	Aug. 21	125.84
July 19	124.80	Apr. 5	125.75	Mar. 4, 1974	123.41	Oct. 25	127.56
Aug. 21	126.15	May 31	130.69	May 3	119.22	Dec. 13	124.50
Oct. 24	128.35	July 20	133.60				

475112117311501. Local number 27/42-8H1. Dean Oiland. Dug irrigation water-table well in sand, diam 48 to 27 in (122 to 69 cm), depth 30 ft (9 m), lined with concrete to 18 ft (5 m), cased 18-30 ft (5-9 m), perforated 20-30 ft (6-9 m). Lsd about 2,120 ft (646 m) above msl. MP top east side of concrete block curb, 2.50 ft (0.76 m) below lsd. Highest water level 5.03 ft (1.53 m) below lsd, June 3, 1952; lowest 16.98 ft (5.18 m) below lsd, Oct. 16, 1973. Records available: 1947-59, 1961-73. Measurement discontinued.

475112117311501--Continued.

Date	Water level						
Jan. 26, 1971	10.33	Nov. 29, 1971	11.48	June 30, 1972	13.02	Mar. 20, 1973	14.27
Mar. 15	10.85	Jan. 10, 1972	12.42	Aug. 22	13.30	June 11	14.79
Apr. 23	10.64	Feb. 22	12.66	Oct. 2	13.89	Aug. 3	15.38
June 18	10.16	Mar. 14	12.94	Nov. 7	14.07	Sept. 5	16.52
July 22	10.28	Apr. 3	12.52	Dec. 19	7.68	Oct. 16	16.98
Aug. 30	11.04	May 16	12.89	Jan. 30, 1973	11.71	Nov. 28	15.12
Oct. 15	11.48						

Stevens County

47552117465301. Local number 28/40-17J1. R. J. Seagle. Ford. Dug irrigation water-table well in sand and gravel, diam 36 in (91 cm), depth 20 ft (6 m), lined with concrete to 20 ft (6 m). Lsd about 1,790 ft (524 m) above ms1. MP top north side of concrete casing, at lsd. Highest water level 0.45 ft (0.14 m) below lsd, Jan. 29, 1974; lowest 18.10 ft (5.52 m) below lsd, Dec. 2, 1968. Records available: 1954-74.

Jan. 26, 1971	11.20	Jan. 10, 1972	15.35	Dec. 11, 1972	16.84	Nov. 27, 1973	13.26
Mar. 15	6.67	Feb. 22	11.38	Jan. 29, 1973	10.54	Jan. 25, 1974	.45
Apr. 19	3.32	Mar. 14	6.02	Mar. 19	8.58	Mar. 8	4.36
June 18	7.82	Apr. 3	7.09	May 11	9.65	Apr. 22	3.79
July 19	10.25	May 15	a9.29	June 11	13.24	June 19	3.93
Aug. 30	12.99	June 29	11.39	Aug. 31	16.15	Aug. 6	7.87
Sept. 21	13.64	Aug. 22	14.15	Sept. 5	17.30	Oct. 11	10.20
Oct. 12	14.18	Oct. 2	15.80	Oct. 16	17.85	Dec. 5	8.34
Nov. 29	14.83	Nov. 7	16.35				

a Well being pumped.

481722117434501. Local number 32/40-11F1. Howard Scranton. Chewelah. Dug stock water-table well in clay and gravel, diam 36 in (91 cm), depth 28 ft (9 m), lined with concrete to 28 ft (9 m). Lsd about 1,719 ft (524 m) above ms1. MP top of 2-x 4-in (5.1-x 10-cm) plate across well pit, 2.00 ft (0.61 m) above lsd. Highest water level 0.89 ft (0.27 m) below lsd, Apr. 8, 1969; lowest dry, Aug. 1, 1973. Records available: 1954-73. Measurement discontinued.

Jan. 26, 1971	6.40	Oct. 15, 1971	19.72	June 29, 1972	14.00	May 10, 1973	13.78
Mar. 16	.92	Nov. 30	18.52	Aug. 25	19.52	June 15	15.10
Apr. 20	7.79	Jan. 11, 1972	13.42	Oct. 3	20.35	Aug. 1 (f)	
June 17	13.48	Feb. 23	1.13	Nov. 7	21.20	Sept. 5	22.05
July 22	17.48	Mar. 15	1.09	Dec. 19	7.22	Oct. 19	19.25
Aug. 31	18.54	Apr. 4	4.28	Jan. 30, 1973	13.32	Nov. 28	6.32
Sept. 21	19.96	May 16	1.00	Mar. 20	2.15		

f Dry.

483231117532401. Local number 35/39-10N1. City of Colville. Dug irrigation water-table well in sand and gravel, diam 8 ft (2 m), depth 48 ft (15 m), lined with concrete to 48 ft (15 m). Lsd about 1,740 ft (530 m) above ms1. MP top edge of pumphouse floor at southeast corner of trap opening, 0.50 ft (0.15 m) above lsd. Highest water level 5.90 ft (1.80 m) below lsd, July 24, 1961; lowest 21.85 ft (6.66 m) below lsd, June 24, 1955. Records available: 1954-73. Well filled in with gravel May 10, 1973; measurement discontinued.

Jan. 26, 1971	15.25	Sept. 21, 1971	16.61	Mar. 15, 1972	16.13	Oct. 6, 1972	17.39
Mar. 16	14.11	Oct. 15	16.37	Apr. 4	16.67	Nov. 10	16.52
May 5	16.67	Dec. 3	14.99	May 19	17.03	Dec. 21	15.98
June 18	16.91	Jan. 11, 1972	14.56	June 26	17.16	Feb. 2, 1973	17.04
July 19	18.02	Feb. 23	16.17	Aug. 25	17.34	Mar. 20	17.72
Aug. 31	16.84						

Thurston County

465054122580401. Local number 16/2W-29D1. E. J. Poore. Drilled unused water-table well in sand and gravel, diam 8 in (20 cm), depth 51 ft (16 m), cased with steel to 51 ft (16 m). Lsd about 218 ft (66 m) above ms1. MP top edge of casing cap, 1.50 ft (0.46 m) above lsd. Highest water level 1.56 ft (0.48 m) below lsd, Jan. 27, 1956; lowest 24.11 ft (7.35 m) below lsd, Oct. 24, 1973. Records available: 1953-73. Measurement discontinued.

Feb. 10, 1971	3.75	Sept. 17, 1971	19.35	Apr. 5, 1972	4.35	Jan. 23, 1973	11.34
Mar. 24	4.64	Oct. 4	20.34	July 20	14.82	Mar. 20	13.18
May 13	9.26	Nov. 5	22.08	Sept. 18	19.16	June 5	15.80
June 24	13.49	Dec. 15	13.88	Nov. 20	22.39	Oct. 24	24.11
Aug. 11	16.80	Feb. 23, 1972	2.85				

465632122362301. Local number 17/2-19M2. Town of Yelm. Northern Pacific RR. tracks and State Highway 510. Drilled unused water-table well in glacial sand and gravel, diam 8 in (20 cm), depth 97 ft (30 m), cased to 97 ft (30 m). Lsd about 345 ft (105 m) above ms1. MP top of casing, 3.98 ft (1.21 m) above lsd. Highest water level 19.38 ft (5.91 m) below lsd, Dec. 23, 1955; lowest 34.31 ft (10.46 m) below lsd, Oct. 28, 1960. Records available: 1951-73. Measurement discontinued. Recording gage removed December 1971.

465632122362301--Continued.

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	26.14	21.10	22.48	22.29	23.48	26.08	28.02	29.65	30.76	31.30	31.57	30.57
10	25.61	21.63	22.38	22.42	23.90	26.51	28.31	29.87	30.87	31.37	31.57	29.87
15	25.07	22.02	21.74	22.39	24.32	26.85	28.59	30.10	30.98	31.45	31.45	28.66
20	23.54	22.23	21.83	22.54	24.82	27.15	28.90	30.30	31.09	31.50	31.35	27.81
25	21.86	22.36	22.13	22.83	25.20	27.45	29.14	30.46	31.16	31.52	31.22	26.42
Eom	20.65	22.42	22.32	23.13	25.68	27.71	29.45	30.67	31.23	31.57	30.94	25.45

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1972	24.88	July 21, 1972	28.75	Jan. 24, 1973	24.55	July 23, 1973	30.81
26	20.81	Aug. 23	29.79	Feb. 23	25.63	Aug. 20	31.52
Feb. 24	20.87	Sept. 22	30.68	Mar. 22	26.92	Sept. 25	32.56
Mar. 21	20.54	Oct. 25	31.07	Apr. 24	28.13	Oct. 24	32.63
April 20	22.52	Nov. 22	31.32	May 24	29.28	Nov. 21	30.93
May 23	24.37	Dec. 20	31.21	June 25	30.27	Dec. 26	24.86
June 23	27.04						

Walla Walla County

460120118224001. Local number 6/35-1P1. D. A. McAuslan. Drilled irrigation artesian well in basalt, diam 6 in (15 cm), reported depth 610 ft (186 m), cased. Lsd about 780 ft (238 m) above msl. MP gage connection, 1.50 ft (0.46 m) above lsd. Highest water level 36.15 ft (11.02 m) above lsd, Apr. 12, 1955; lowest 87.40 ft (26.64 m) below lsd, July 15, 1970. Records available: 1955-58, 1963, 1965-73. Measurement discontinued. Mar. 17, 1971, 36.7; Nov. 23, 61.8; Mar. 1, 1972, 42.6; Nov. 21, 70.8; Mar. 23, 1973, 47.6.

460021118225701. Local number 6/35-12N1. Wynn Estes. Drilled irrigation artesian well in basalt, diam 10 to 8 in (25 to 20 cm), depth 590 ft (180 m), cased to 495 ft (151 m). Lsd about 768 ft (234 m) above msl. MP gage connection, 3.50 ft (1.07 m) above lsd. Highest water level 64 ft (20 m) above lsd, Oct. 23, 1962; lowest 69.7 ft (21.2 m) below lsd, Nov. 22, 1974. Records available: 1955-63, 1965-74.

Jan. 5, 1971	32.4	Nov. 23, 1971	45.2	Mar. 23, 1973	31.2	Mar. 29, 1974	39.2
Mar. 17	21.6	Mar. 1, 1972	26.2	Nov. 28	44.9	Nov. 22	69.7
June 11	34.4	Nov. 21	56.4				

460200118215601. Local number 6/36-6D2. Milo Gray. Drilled irrigation water-table well in basalt, diam 10 to 6 in (25 to 15 cm), depth 640 ft (195 m), cased. Lsd about 848 ft (258 m) above msl. MP top west side of casing under pump, 1.00 ft (0.30 m) above lsd. Highest water level 39.43 ft (12.02 m) below lsd, Apr. 17, 1956; lowest 199.85 ft (60.91 m) below lsd, July 15, 1970. Records available: 1955-74.

Jan. 5, 1971	116.8	Nov. 23, 1971	132.0	Nov. 21, 1972	144.0	Nov. 28, 1973	158.1
Mar. 17	105.5	Mar. 1, 1972	111.6	Mar. 23, 1973	118.2	Apr. 1, 1974	126.0
June 15	121.1	Nov. 21	56.4				

460127118215201. Local number 6/36-6M2. Lyle and Raymond Brown (previously reported Lyle and Raymond Brown). Drilled irrigation artesian well in basalt, diam 12 to 10 in (30 to 25 cm), reported depth 620 ft (189 m), cased to 567 ft (173 m). Lsd about 820 ft (250 m) above msl. MP top of 1½-in (3.2-cm) angle pipe on south side of casing, 1.80 ft (0.55 m) above lsd. Highest water level 19.06 ft (5.81 m) below lsd, Feb. 28, 1961; lowest 91.29 ft (27.83 m) below lsd, Nov. 28, 1973. Records available: 1960-74.

Mar. 17, 1971	53.62	Mar. 1, 1972	61.30	Mar. 23, 1973	59.75	Mar. 29, 1974	64.71
June 15	56.7	Nov. 21	79.07	Nov. 28	91.29	Nov. 22	89.4
Nov. 23	61.09						

460104118215701. Local number 6/36-7D1. L. B. Ruzicka. Drilled irrigation artesian well in basalt, diam 6 in (15 cm), depth 560 ft (171 m), cased. Lsd about 815 ft (248 m) above msl. MP top north side of casing, 1.41 ft (0.43 m) above lsd. Highest water level 4.33 ft (1.32 m) above lsd, Apr. 17, 1955; lowest 80.76 ft (24.62 m) below lsd, Nov. 19, 1969. Records available: 1955-73. Measurement discontinued. Jan. 5, 1971, 77.8; Mar. 17, 66.1; Nov. 23, 80.6; Mar. 1, 1972, 72.4; Nov. 21, 80.6; Mar. 23, 1973, 78.8.

460046118214401. Local number 6/36-7M1. C. Logan. Drilled irrigation artesian well in basalt, diam 6 in (15 cm), reported depth 680 ft (207 m), cased. Lsd about 825 ft (251 m) above msl. MP ¾-in (.64-cm) hole in east side of casing, 2.00 ft (0.61 m) below lsd. Highest water level 6.05 ft (1.84 m) below lsd, Apr. 20, 1955; lowest 82.98 ft (25.29 m) below lsd, Aug. 25, 1970. Records available: 1955, 1958-74.

Jan. 5, 1971	54.32	Nov. 23, 1971	61.7	Mar. 23, 1973	43.2	Mar. 29, 1974	52.8
Mar. 17	50.6	Mar. 1, 1972	48.7	Nov. 28	49.0	Nov. 22	69.2
June 11	58.89	Nov. 21	61.1				

460040118185101. Local number 6/36-9L1. Baker and Baker Corp., Fix Farm well #1. Drilled irrigation water-table well in basalt, diam 12 to 10 in (30 to 25 cm), depth 1,155 ft (352 m), cased to 652 ft (199 m), lined with concrete to 939 ft (286 m). Lsd about 1,006 ft (307 m) above ms1. MP airline gage. Highest water level 89 ft (27 m) below lsd, Apr. 16, 1955; lowest 209 ft (64 m) below lsd, Nov. 28, 1973. Records available: 1955-57, 1959-60, 1964-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1971	180	Nov. 23, 1971	190	Mar. 22, 1973	176	Mar. 29, 1974	181
Mar. 17	167	Feb. 29, 1972	172	Nov. 28	209	Nov. 22	207
June 15	180	Nov. 21	195				

460026118185101. Local number 6/36-9P1. Baker and Baker Corp., Fix Farm well #2. Drilled irrigation water-table well in basalt, diam 12 to 5 in (41 to 13 cm), depth 2,061 ft (628 m), cased. Lsd about 1,005 ft (306 m) above ms1. MP gage connection, 1.50 ft (0.46 m) above lsd. Highest water level 101 ft (31 m) below lsd, Apr. 16, 1955; lowest 201 ft (63 m) below lsd, Nov. 21, 1972. Records available: 1955-59, 1964-73. Measurement discontinued. Mar. 17, 1971, 171; Nov. 23, 192; Feb. 29, 1972, 186; Nov. 21, 207; Mar. 22, 1973, 188.

460140118123401. Local number 6/37-5F1. Baker and Baker Corp., Sweazey Quarter well. Drilled irrigation artesian well in basalt, diam 12 in (30 cm), depth 612 ft (187 m), cased to 125 ft (38 m). Lsd about 1,560 ft (475 m) above ms1. MP gage connection, 1.50 ft (0.46 m) above lsd. Highest water level 172 ft (52 m) above lsd, Oct. 26, 1960, Mar. 26, 1963; lowest 47 ft (14 m) above lsd, Mar. 21, 1967. Records available: 1946-48, 1952-58, 1960, 1963-73. No measurement made in 1974. Mar. 16, 1971, +156; Feb. 28, 1972, +72; Nov. 21, +69; Mar. 22, 1973, +166.

460524118293201. Local number 7/34-13A1. Charles Ruzicka. Drilled irrigation water-table well in gravel, diam 10 in (25 cm), depth 275 ft (84 m), cased to 184 ft (56 m). Lsd about 626 ft (191 m) above ms1. MP top east side wall of 1 $\frac{1}{2}$ -in (3.2-cm) angle pipe, 2.00 ft (0.61 m) above lsd. Highest water level 9.44 ft (2.88 m) below lsd, Apr. 23, 1959; lowest 64.19 ft (19.57 m) below lsd, Sept. 22, 1955. Records available: 1955-72. Measurement discontinued. Jan. 5, 1971, 25.8; Mar. 16, 23.5; June 15, 24.6; Nov. 22, 23.18; Feb. 29, 1972, 22.41; Nov. 20, 21.06.

460302118310201. Local number 7/34-26R1. Demose Bergiven. Drilled irrigation water-table well in basalt, diam 12 in (30 cm), depth 460 ft (140 m), cased to 185 ft (56 m), perforated 145-185 ft (44-56 m). Lsd about 575 ft (175 m) above ms1. MP top of 1 $\frac{1}{2}$ -in (3.2-cm) angle pipe on west side of casing, 1.20 ft (0.37 m) above lsd. Highest water level 27.27 ft (8.31 m) below lsd, Oct. 21, 1965; lowest 67.0 ft (20.4 m) below lsd, Nov. 13, 1973. Records available: 1960-73. Measurement discontinued.

Jan. 5, 1971	36.6	July 27, 1971	38.1	Aug. 10, 1972	44.4	Nov. 21, 1972	44.9
Feb. 17	36.9	May 5, 1972	a139.0	Sept. 13	a179.7	Feb. 15, 1973	36.9
Mar. 17	38.1	June 22	a172.3	Oct. 22	49.0	Nov. 13	67.0
June 16	a25.0						

a Well being pumped.

460341118350701. Local number 7/34-29C1. Lowden A. Johnson. Lowden. Drilled irrigation water-table well in basalt, diam 12 to 6 in (30 to 15 cm), depth 1,201 ft (366 m), cased to 610 ft (186 m). Lsd about 505 ft (154 m) above ms1. MP top of 1 $\frac{1}{2}$ -in (3.2-cm) angle pipe on east side of casing, 1.00 ft (0.30 m) above lsd, or airline gage. Highest water level 68 ft (21 m) below lsd, Mar. 3, 1966; lowest 116.8 ft (35.6 m) below lsd, Sept. 25, 1973. Records available: 1960-74.

Jan. 5, 1971	81.62	Sept. 10, 1971	a100.32	Aug. 10, 1972	89.53	June 8, 1973	93.5
Feb. 17	78.85	Oct. 13	87.17	Sept. 13	a106.90	Aug. 2	all1.4
Mar. 16	79.70	Nov. 22	a100.98	Oct. 27	a105.01	Sept. 25	116.8
May 19	a93.70	Jan. 5, 1972	85.03	Nov. 20	a103.70	Nov. 13	95.22
June 14	a102.6	Feb. 29	a94.50	Feb. 15, 1973	83.48	Apr. 1, 1974	85.94
15	a99.89	May 5	a90.84	Mar. 23	a92.8	Nov. 22	111.80
July 27	a103.22	June 23	a107.7				

a Well being pumped.

460536118283801. Local number 7/35-7Q1. Walla Walla County School District #59. Drilled domestic water-table well in basalt, diam 6 in (15 cm), reported depth 285 ft (87 m), cased. Lsd about 646 ft (197 m) above ms1. MP top of casing cap 0.10 ft (0.03 m) above lsd. Highest water level 1.62 ft (0.49 m) below lsd, Apr. 14, 1955; lowest 115.6 ft (35.2 m) below lsd, Aug. 27, 1970. Records available: 1955-74.

Jan. 6, 1971	65.8	Nov. 22, 1971	69.0	Mar. 22, 1973	64.2	Apr. 1, 1974	67.2
Mar. 16	65.8	Feb. 29, 1972	65.3	Nov. 27	70.4	Nov. 21	69.3
June 14	65.62	Nov. 20	68.2				

460234118260001. Local number 7/35-33H2. Walla Walla College. College Place. Drilled irrigation water-table well in basalt, diam 12 in (30 cm), depth 760 ft (232 m), cased to 645 ft (197 m). Lsd about 690 ft (210 m) above ms1. MP top of reducer on 1 $\frac{1}{2}$ -in (3.2-cm) angle pipe on north side of casing, 1.50 ft (0.46 m) above lsd, or airline gage. Highest water level 38.81 ft (11.83 m) below lsd, Mar. 25, 1962; lowest 171.5 ft (52.3 m) below lsd, Nov. 28, 1973. Records available: 1961-74.

Mar. 17, 1971	62.3	Mar. 1, 1972	61.5	Mar. 22, 1973	60.9	Apr. 1, 1974	78
Nov. 23	79.7	Nov. 21	84.1	Nov. 28	171.5	Nov. 22	115.1

460244118220101. Local number 7/35-36A1. Ambrose Zaro. College Place. Drilled irrigation and domestic water-table well in basalt, diam 8 to 6 in (20 to 15 cm), depth 635 ft (194 m), cased to 554 ft (169 m). Lsd about 850 ft (259 m) above ms1. MP top of casing seal at 1 $\frac{1}{2}$ -in (3.2-cm) hole, 8.00 ft (2.44 m) below lsd. Highest water level 21.15 ft (6.45 m) below lsd, Mar. 31, 1955; lowest 129.8 ft (39.6 m) below lsd, Nov. 21, 1972. Records available: 1955-73. Measurement discontinued. Mar. 17, 1971, 89.72; Nov. 23, 117.85; Mar. 1, 1972, 97.6; Nov. 21, 129.8; Mar. 23, 1973, 102.4.

460651118154601. Local number 7/36-2J1. K. Knowles. Drilled irrigation water-table well in basalt, diam 12 in (30 cm), depth 810 ft (247 m), cased to 164 ft (50 m). Lsd about 1,240 ft (378 m) above msl. MP airline gage. Highest water level 64 ft (20 m) below lsd, May 10, 1960; lowest 276 ft (84 m) below lsd, Nov. 21, 1974. Records available: 1958-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1971	113	Nov. 22, 1972	116	Mar. 22, 1973	112	Mar. 29, 1974	121
Mar. 16	107	Feb. 29, 1973	116	Nov. 27	130	Nov. 21	276
June 14	106	Nov. 20	123				

460620118156001. Local number 7/36-11B1. Roy E. Frazier. Walla Walla. Drilled irrigation water-table well in basalt, diam 16 to 12 in (41 to 30 cm), depth 807 ft (246 m), cased to 170 ft (52 m). Lsd about 1,202 ft (366 m) above msl. MP top edge of pumpbase at 3/4-in (1.9-cm) hole for water return tube, 0.70 ft (0.21 m) above lsd. Highest water level 54.22 ft (16.53 m) below lsd, Apr. 23, 1959; lowest 138.9 ft (42.3 m) below lsd, Sept. 23, 1969. Records available: 1958-74.

Date	Water level						
Mar. 16, 1971	92.6	Feb. 29, 1972	102.8	Mar. 22, 1973	99.2	Mar. 29, 1974	107.6
June 14	83.0	Nov. 20	109.7	Nov. 27	119.0	Nov. 21	130
Nov. 22	102.3						

46051118151701. Local number 7/36-13Pl. City of Walla Walla, well #1. Drilled public-supply water-table well in basalt, diam 12 to 10 in (30 to 25 cm), depth 810 ft (247 m), cased to 363 ft (111 m). Lsd about 1,250 ft (381 m) above msl. MP airline gage. Highest water level 76 ft (23 m) below lsd, June 4, 1951; lowest 261 ft (80 m) below lsd, Aug. 2, 1973. Records available: 1951-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 17, 1971	152.61	Nov. 22, 1971	141.2	Oct. 27, 1972	188	Aug. 2, 1973	261
Mar. 16	150.12	Jan. 5, 1972	154.8	Nov. 20	184	Sept. 24	220
May 19	151.17	Feb. 29	174.0	Feb. 15, 1973	175	Nov. 13	225
June 14	150.07	Aug. 10	223.80	Mar. 22	170	Mar. 29, 1974	c200
Sept. 9	140.2	Sept. 13	204	June 8	191	Nov. 21	c224

a Well being pumped.

c Nearby well being pumped.

460457118200901. Local number 7/36-17L1. City of Walla Walla. Veterans Memorial Park. Drilled unused water-table well in basalt, diam 12 to 8 in (30 to 20 cm), depth 2,728 ft (831 m), cased to 2,155 ft (657 m). Lsd about 1,010 ft (308 m) above msl. MP top edge of 1 1/4-in (3.8-cm) pipe, C.29 ft (0.09 m) above lsd. Highest water level 49.51 ft (15.09 m) below lsd, May 10, 1960; lowest 166.7 ft (50.8 m) below lsd, Aug. 2, 1973. Records available: 1959-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1971	110.7	Oct. 13, 1971	131.9	Aug. 10, 1972	143.37	June 8, 1973	147.2
Feb. 17	104.1	Nov. 22	120.1	Sept. 13	147.23	Aug. 2	166.7
Mar. 16	101.9	Jan. 5, 1972	117.97	Oct. 27	140.5	Sept. 24	163.1
May 19	106.96	Feb. 29	111.2	Nov. 20	129.7	Nov. 13	148.9
June 16	109.38	May 5	101.83	Feb. 15, 1973	127.2	Apr. 1, 1974	121.2
July 27	118.7	June 23	120.47	Mar. 22	129.0	Nov. 21	145.8
Sept. 9	145.3						

460356118181101. Local number 7/36-22N1. City of Walla Walla, well #4. Drilled public-supply artesian well in basalt, diam 30 to 24 in (76 to 61 cm), depth 789 ft (240 m), cased to 400 ft (122 m). Lsd about 1,045 ft (319 m) above msl. MP airline gage. Highest water level 41 ft (13 m) above lsd, Apr. 18, 1955; lowest 146 ft (45 m) below lsd, Mar. 12, 1968. Records available: 1955-56, 1959-62, 1964-71. Measurement discontinued. Mar. 16, 1971, 61; Nov. 19, 17.

460328118152401. Local number 7/36-25Pl. Dwelly Jones. Drilled irrigation water-table well in basalt, diam 12 in (30 cm), depth 1,100 ft (335 m), cased to 157 ft (48 m). Lsd about 1,334 ft (407 m) above msl. MP airline gage. Highest water level 212 ft (65 m) below lsd, Mar. 25, 1963; lowest 341 ft (104 m) below lsd, July 14, Aug. 24, 1970. Records available: 1955-74.

Date	Water level						
Mar. 16, 1971	274	Feb. 29, 1972	270	Mar. 22, 1973	268	Apr. 24, 1974	221
Nov. 22	284	Nov. 21	318	Nov. 28	304	Nov. 21	284

460335118172301. Local number 7/36-27G1. Rudolph Depping. Drilled irrigation artesian well in basalt, diam 10 to 8 in (25 to 20 cm), depth 450 ft (137 m), cased to 357 ft (109 m). Lsd about 1,100 ft (335 m) above msl. MP airline gage. Highest water level 2 ft (1 m) above lsd, Apr. 19, 1955; lowest 61 ft (19 m) below lsd, July 14, 1970. Records available: 1955-57, 1959-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1971	36	Nov. 22, 1971	36	Mar. 22, 1973	34	Apr. 1, 1974	34
Mar. 16	32	Feb. 29, 1972	31	Nov. 28	45	Nov. 21	50
June 11	a92	Nov. 21	45				

a Well being pumped.

460311118181801. Local number 7/36-28R1. City of Walla Walla, well #5. Sturm and Aubin Sts., Walla Walla. Drilled public-supply water-table well in basalt, diam 30 to 26 in (76 to 66 cm), depth 1,100 ft (335 m), cased to 863 ft (245 m). Lsd about 1,020 ft (311 m) above msl. MP airline gage. Highest water level 85 ft (26 m) below lsd, Apr. 3, 1958; lowest 248 ft (76 m) below lsd, Mar. 21, 1967. Records available: 1958-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 16, 1971	138	Feb. 29, 1972	112	Mar. 22, 1973	155	Apr. 1, 1974	150
Nov. 22	195	Nov. 20	159	Nov. 26	178	Nov. 21	180

460229118200201. Local number 7/36-31J1. Walla Walla Country Club. Drilled irrigation water-table well in basalt, diam 12 in (30 cm), depth 1,715 ft (523 m), cased to 538 ft (164 m). Lsd about 872 ft (266 m) above msl. MP airline gage. Highest water level 72 ft (22 m) below lsd, Apr. 19, 1955; lowest 214 ft (65 m) below lsd, Nov. 29, 1967. Records available: 1955-57, 1959-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1971	113	June 15, 1971	115	Mar. 1, 1972	104	Mar. 23, 1973	1155
Mar. 17	95	Nov. 23	125	Nov. 21	139	Apr. 1, 1974	102.0

a Well being pumped.

460217118160201. Local number 7/36-35Q1. Baker and Baker Corp., Brewer well #1. Drilled irrigation water-table well in basalt, diam 16 in (41 cm), depth 936 ft (285 m), cased to 235 ft (72 m). Lsd about 1,180 ft (360 m) above msl. MP bottom edge of 1½-in (3.8-cm) riser pipe 2.00 ft (0.61 m) northwest of well, 0.35 ft (0.11 m) above lsd; or airline gage. Highest water level 64.8 ft (19.8 m) below lsd, Mar. 19, 1970; lowest 182 ft (55 m) below lsd, Aug. 24, 1970. Records available: 1954-60, 1964-67, 1969-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1971	122	Nov. 22, 1971	124	Mar. 22, 1973	112	Mar. 29, 1974	117
Mar. 16	112.16	Feb. 29, 1972	110	Nov. 28	147	Nov. 21	172
June 15	128	Nov. 21	147				

460517118141001. Local number 7/37-18E1. City of Walla Walla, well #3. Drilled public-supply water-table well in basalt, diam 20 to 16 in (51 to 41 cm), depth 1,169 ft (356 m), cased 0-176 ft (0-54 m), 1,053-1,102 ft (324-336 m). Lsd about 1,320 ft (402 m) above msl. MP hole in pumpbase flange, 0.50 ft (0.15 m) above lsd; or airline gage. Highest water level 146 ft (45 m) below lsd, Apr. 15, 1968; lowest 250 ft (76 m) below lsd, Mar. 2, 1966. Records available: 1955-74.

Date	Water level						
Mar. 16, 1971	206	Feb. 29, 1972	a256	Mar. 22, 1973	225	Mar. 29, 1974	217
Nov. 22	213	Nov. 21	212	Nov. 28	206	Nov. 21	197

a Well being pumped.

460448118131401. Local number 7/37-18R2. Olaus Filan. Drilled irrigation water-table well in basalt, diam 12 in (30 cm), depth 770 ft (235 m), cased to 102 ft (31 m). Lsd about 1,400 ft (427 m) above msl. MP airline gage. Highest water level 216 ft (66 m) below lsd, Mar. 21, 1967; lowest 298.9 ft (91.1 m) below lsd, Sept. 13, 1972. Records available: 1955-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 17, 1971	268.2	Oct. 13, 1971	272.0	June 23, 1972	275.3	Feb. 15, 1973	276
Mar. 16	265.8	Nov. 22	275.5	Aug. 10	295.7	Mar. 22	272.2
May 19	265.2	Feb. 29, 1972	269.2	Sept. 13	298.9	June 8	282.3
July 28	278.7	May 5	263.7	Nov. 20	283.2		

460207118131201. Local number 7/37-31RL. Lewis Brown. Drilled domestic artesian well in gravel, diam 10 to 6 in (25 to 15 cm), depth 220 ft (67 m), cased with steel to 220 ft (67 m). Lsd about 1,418 ft (432 m) above msl. MP pressure gage connection in casing, 1.00 ft (0.30 m) above lsd. Highest water level 77 ft (23 m) above lsd, Mar. 16, 1971; lowest 36 ft (11 m) above lsd, Nov. 28, 1967, Mar. 13, 1968. Records available: 1955-74.

Date	Water level						
Mar. 16, 1971	+77	Feb. 29, 1972	+74	Mar. 22, 1973	+66	Mar. 29, 1974	+73
Nov. 22	73	Nov. 21	67	Nov. 28	63	Nov. 21	63

460728118245201. Local number 8/35-34Q1. Don L. Seavey. Drilled irrigation water-table well in basalt, diam 16 to 10 in (41 to 25 cm), depth 1,026 ft (313 m), cased. Lsd about 750 ft (229 m) above msl. MP top of casing cap at 3/4-in (1.9-cm) hole, 1.08 ft (0.33 m) above lsd. Highest water level 15.59 ft (4.75 m) below lsd, Mar. 11, 1968; lowest 38.67 ft (11.79 m) below lsd, Dec. 8, 1964. Records available: 1955-73. Measurement discontinued. Mar. 16, 1971, 30.8; Nov. 22, 32.4; Feb. 29, 1972, 31.1; Nov. 20, 33.1; Mar. 22, 1973, 32.6.

460906118190901. Local number 8/36-21N1. Arthur A. Carey. Drilled irrigation water-table well in basalt, diam 12 to 10 in (30 to 25 cm), depth 703 ft (214 m), cased to 144 ft (45 m). Lsd about 950 ft (290 m) above msl. MP airline gage. Highest water level 280 ft (85 m) below lsd, Apr. 18, 1956; lowest 348.8 ft (106.3 m) below lsd, Aug. 27, 1970. Records available: 1955-67, 1969-71. Measurement discontinued. Jan. 7, 1971, 312.

Whatcom County

485934122193801. Local number 40/4-5D1. Paul Roorda. Formerly John C. Loreen. Van Buren and Hoverstick Rds., Sumas. Dug domestic and stock water-table well in gravel, size 20 x 30 in (51 x 76 cm), depth 61 ft (19 m), lined with concrete to 61 ft (19 m). Lsd about 180 ft (55 m) above msl. MP top of southwestern corner of concrete curb, 6.18 ft (1.88 m) below lsd. Highest water level 48.86 ft (14.89 m) below lsd, Apr. 7, 1951; lowest dry, Jan. 10, Oct. 4, 1944, Jan. 1, 1953, Sept. 30, 1958, Nov. 27, 1973. Records available: 1940-74.

Date	Water level						
Jan. 21, 1971	57.18	Oct. 20, 1971	54.68	Jan. 23, 1973	50.97	Oct. 22, 1973	57.34
Feb. 20	52.28	Nov. 22	54.08	Feb. 22	51.29	Nov. 27	54.1
Mar. 21	51.38	Dec. 19	51.88	Mar. 25	51.43	Dec. 30	54.5h
April 20	51.08	Feb. 18, 1972	b49.76	Apr. 24	51.56	Jan. 14, 1974	54.14
May 21	51.28	April 19	b48.88	May 20	51.83	Mar. 22	51.08
June 21	51.88	June 21	b50.03	June 26	52.05	May 15	50.78
July 21	52.38	Aug. 24	b51.82	July 30	53.50	July 17	51.77
Aug. 20	53.58	Oct. 19	b52.33	Aug. 25	55.36	Sept. 25	53.52
Sept. 21	54.38	Dec. 5	b53.28	Sept. 27	57.08	Nov. 13	54.63

b Well pumped recently.
f Dry.

Whitman County

463623117054501. Local number 13/45-13L2. Alfred Draffel. Drilled domestic water-table well in basalt, diam 6 in (15 cm), depth 190 ft (58 m), lined with steel to 60 ft (18 m). Lsd 2,680 ft (817 m) above msl. MP top of curb, at lsd. Highest water level 71.95 ft (21.93 m) below lsd, Mar. 24, 1964; lowest 78.7 ft (24.0 m) below lsd, Oct. 10, 1973. Records available: 1963-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 18, 1971	77.78	Nov. 23, 1971	76.13	Oct. 17, 1972	76.3	Dec. 5, 1973	75.8
Mar. 3	75.33	Jan. 18, 1972	75.3	Jan. 30, 1973	75.3	Apr. 3, 1974	74.1
Apr. 27	75.30	Mar. 2	74.5	Apr. 25	75.3	May 21	74.0
June 15	75.61	Apr. 17	74.52	June 20	77.5	July 18	74.9
Aug. 10	77.21	June 21	74.91	Aug. 13	78.03	Sept. 18	75.5
Sept. 29	76.22	Aug. 17	76.51	Oct. 10	78.7	Nov. 12	75.3

a Well being pumped.

464321117092301. Local number 14/45-4NL. Washington State University. Drilled unused artesian well in basalt; diam 6 in (15 cm); depth 95.2 ft (29.0 m), previously reported 94 ft (29 m); casing information not available. Lsd 2,381.96 ft (726.02 m) above msl. MP top east side of casing, 2.80 ft (0.85 m) below lsd. Highest water level 36.82 ft (11.22 m) below lsd, Mar. 7, 1935; lowest 95.10 ft (28.99 m) below lsd, Dec. 4, 1972. Records available: 1932, 1934-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 18, 1971	92.48	Sept. 29, 1971	92.49	June 21, 1972	91.43	Apr. 25, 1973	92.62
Mar. 3	88.06	Nov. 23	90.08	Aug. 17	92.40	June 19	94.03
Apr. 27	89.64	Feb. 1, 1972	90.2	Oct. 17	93.76	Aug. 13	94.93
June 15	91.29	Mar. 6	90.24	Dec. 4	95.10	Oct. 10	95.0
Aug. 10	92.87	Apr. 19	91.56	Jan. 30, 1973	91.82	Dec. 5	94.88
Sept. 28	89.83						

464349117101101. Local number 14/45-5F1. Washington State University, well #1. Pullman. Drilled unused artesian well in basalt, diam 4 in (10 cm), depth 145 ft (44 m), cased. Lsd 2,364.4 ft (720.7 m) above msl. MP top of casing, 1.50 ft (0.46 m) above lsd. Highest water level 22.02 ft (6.71 m) below lsd, Mar. 15, 1935; lowest 77.8 ft (23.7 m) below lsd, Aug. 13, 1973. Records available: 1935-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 18, 1971	70.99	Nov. 23, 1971	72.93	Dec. 4, 1972	75.0	Dec. 5, 1973	77.7
Mar. 3	70.84	Feb. 1, 1972	73.0	Jan. 30, 1973	74.5	Apr. 3, 1974	67.42
Apr. 27	73.72	Mar. 6	73.2	Apr. 25	c76.4	May 20	c78.6
June 15	71.48	Apr. 19	73.2	June 20	c79.2	July 18	c78.6
Aug. 10	72.40	June 21	73.65	Aug. 13	77.8	Sept. 19	c81.6
11	a74.76	Aug. 17	73.8	Oct. 10	77.7	Nov. 11	c79.3
Sept. 29	a74.39	Oct. 17	c76.9				

a Well being pumped.

c Nearly well being pumped.

464804117393101. Local number 15/41-9K1. John Scheideman. Dusty. Drilled unused water-table well in basalt, diam 10 to 6 in (25 to 15 cm), depth 96 ft (29 m), casing information not available. Lsd about 1,670 ft (509 m) above msl. MP top of pipe clamps, 1.25 ft (0.38 m) below lsd. Highest water level 1.84 ft (0.56 m) below lsd, Mar. 6, 1956; lowest 11.41 ft (3.48 m) below lsd, Mar. 12, 1969. Records available: 1954-72. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 18, 1971	5.30	May 17, 1971	4.23	Aug. 11, 1971	5.82	Nov. 15, 1971	5.41
Apr. 1	3.84	June 30	4.69	Sept. 20	6.02	Jan. 3, 1972	5.13

464408117103202. Local number 15/45-33N2. City of Pullman, well #4. Richie and Grand Sts. Drilled public-supply artesian well in basalt, diam 16 to 12 in (41 to 30 cm), depth 954 ft (291 m), cased to 399 ft (122 m). Lsd about 2,356 ft (718 m) above msl. MP top of 2-in (5.1-cm) pipe for chlorine hose in pumpbase, 1.20 ft (0.37 m) above lsd. Highest water level 25.98 ft (7.92 m) below lsd, May 24, 1960; lowest 66.27 ft (20.20 m) below lsd, Aug. 29, 1967. Records available: 1959-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 18, 1971	53.22	Feb. 1, 1972	49.6	Dec. 4, 1972	56.6	Dec. 5, 1973	a100.4
Mar. 1	a89.42	Mar. 6	49.5	Jan. 30, 1973	a91.8	Apr. 1, 1974	58.7
	52.59	Apr. 19	a91.7	Apr. 25	a93.6	May 20	59.3
June 15	53.05	June 21	55.35	June 20	a96.8	July 18	60.1
Aug. 10	54.90	Aug. 17	55.9	Aug. 13	58.3	Sept. 17	61.1
Sept. 29	54.20	Oct. 17	56.8	Oct. 10	59.3	Nov. 11	a115.5
Nov. 23	a91.55						

a Well being pumped.

465038117515501. Local number 16/39-26J1. J. S. Branch. LaCrosse. Drilled stock water-table well in basalt, diam 6 in (15 cm), depth 59 ft (18 m), cased. Lsd about 1,540 ft (469 m) above msl. MP $\frac{1}{4}$ -in (1.3-cm) hole in metal casing cover, 0.50 ft (0.27 m) above lsd. Highest Water level 35.75 ft (10.90 m) below lsd, Apr. 1, 1970; lowest 52.00 ft (15.85 m) below lsd, May 23, 1967. Records available: 1954-72. Measurement discontinued.

Date	Water level						
Feb. 18, 1971	42.33	June 30, 1971	41.67	Nov. 15, 1971	46.40	Feb. 14, 1972	45.32
Mar. 31	42.88	Aug. 11	44.24	Jan. 3, 1972	45.82	Mar. 28	45.67
May 17	46.01	Sept. 20	44.40				

470045117211701. Local number 18/43-35P1. G. H. Noe. Steptoe. Drilled domestic water-table well in basalt, diam 6 in (15 cm), depth 132 ft (40 m), cased. Lsd about 2,331 ft (710 m) above msl. MP $\frac{1}{4}$ -in (1.3-cm) hole in steel cap, 4.50 ft (1.37 m) below lsd. Highest water level 5.10 ft (1.55 m) below lsd, Mar. 20, 1949; lowest 18.14 ft (5.53 m) below lsd, Oct. 5, 1956. Records available: 1940-73. Measurement discontinued.

470045117211701--Continued.

Date	Water level						
Jan. 18, 1971	9.82	Oct. 1, 1971	13.43	June 20, 1972	10.12	Apr. 23, 1973	12.0
Mar. 4	9.54	Nov. 29	12.38	Aug. 14	11.77	June 19	13.94
Apr. 29	a10.56	Jan. 18, 1972	10.49	Oct. 11	11.81	Aug. 13	16.92
June 18	9.74	Mar. 20	b12.68	Dec. 4	10.97	Oct. 9	15.19
Aug. 12	13.44	May 17	8.00	Feb. 1, 1973	10.98	Dec. 3	11.75

a Well being pumped.

b Well pumped recently.

470532117345201. Local number 19/41-36R2. Thomas Kimball. Park and Front Sts., St. John. Drilled unused artesian well in basalt, diam 6 in (15 cm), depth 84 ft (26 m), cased. Lsd about 1,963 ft (598 m) above msl. MP top of 3/4-in (1.9-cm) pipe, 1.35 ft (0.41 m) above lsd. Highest water level 1.42 ft (0.43 m) below lsd, May 25, 1960; lowest 9.92 ft (3.02 m) below lsd, Sept. 7, 1955. Records available: 1945-72. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 17, 1971	2.25	June 18, 1971	2.45	Oct. 1, 1971	2.64	Mar. 7, 1972	2.65
Mar. 4	2.30	Aug. 12	7.66	Nov. 30	2.53	Apr. 17	2.33
Apr. 29	2.34	Sept. 28	3.40	Jan. 18, 1972	3.52		

Yakima County

463200120462001. Local number 12/16-13D2. Herke Bros. Drilled test water-table well in unknown aquifer, diam 8 in (20 cm), depth 130 ft (40 m), casing information not available. Lsd about 1,800 ft (549 m) above msl. MP top of casing, 1.50 ft (0.46 m) above lsd. Highest water level 50.37 ft (15.35 m) below lsd, June 15, 1951; lowest 122.15 ft (37.23 m) below lsd, Jan. 11, 1974. Records available: 1951-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 5, 1971	b96.9	Dec. 14, 1971	99.2	Apr. 24, 1973	106.39	Mar. 14, 1974	100.3
May 11	b95.2	July 21, 1972	a11.65	June 5	108.93	May 3	98.6
June 23	b96.3	Sept. 14	b100.34	Aug. 2	a110.33	July 11	100.4
Aug. 2	b97.9	Nov. 8	101.35	Sept. 26	a110.14	Aug. 28	101.9
Sept. 15	b99.7	Jan. 5, 1973	106.50	Nov. 16	b114.94	Oct. 25	103.1
Oct. 22	100.8	Feb. 27	105.70	Jan. 11, 1974	122.15	Dec. 20	102.88

a Well being pumped.

b Well pumped recently.

463150120453001. Local number 12/16-13H1. St. Joseph's Catholic Church. Dug domestic water-table well in unknown aquifer, diam 36 in (91 cm), depth 9 ft (3 m), cased. Lsd about 1,700 ft (518 m) above msl. MP valve seat in pump, 2.00 ft (0.61 m) above lsd. Highest water level 2.83 ft (0.86 m) below lsd, June 8, 1972; lowest 7.51 ft (2.29 m) below lsd, Sept. 3, 1969. Records available: 1965-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1971	5.16	Sept. 15, 1971	5.97	July 21, 1972	4.98	Apr. 24, 1973	4.82
Feb. 23	4.70	Oct. 22	5.50	Sept. 14	5.98	June 5	4.96
Apr. 6	4.82	Dec. 14	5.52	Nov. 8	5.31	Aug. 2	6.34
May 11	3.96	Feb. 8, 1972	4.52	Jan. 5, 1973	5.97	Sept. 26	6.27
June 23	4.38	April 5	3.46	Feb. 27	4.84	Nov. 16	4.69
Aug. 2	5.67	June 8	2.83				

463308120385501. Local number 12/17-2R2. Frank Glaspey. Wiley City. Dug unused water-table well in gravel, diam 36 in (91 cm), depth 9 ft (3 m), lined with concrete to 9 ft (3 m). Lsd 1,323.57 ft (403.42 m) above msl. MP top of plank over well at pump, 0.20 ft (0.06 m) above lsd. Highest water level 1.58 ft (0.48 m) below lsd, May 8, 1968; lowest 6.45 ft (1.97 m) below lsd, Aug. 24, 1967. Records available: 1958, 1965-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1971	3.94	Oct. 22, 1971	3.13	July 21, 1972	3.32	Apr. 24, 1973	4.70
Feb. 23	2.83	Dec. 13	3.00	Sept. 14	5.02	June 5	b3.73
June 23	b2.78	Feb. 8, 1972	2.82	Nov. 8	5.42	Aug. 1	b6.95
Aug. 2	b4.20	April 5	2.47	Jan. 4, 1973	4.48	Sept. 26	5.62
Sept. 15	b3.70	June 8	3.03	Feb. 28	3.63	Nov. 20	2.74

b Well pumped recently.

463213120435701. Local number 12/17-8N1. Loyd Dovel. Drilled unused water-table well in basalt, diam 8 in (20 cm), depth 212 ft (65 m), cased to 112 ft (34 m). Lsd about 1,597 ft (487 m) above msl. MP top of casing, 0.80 ft (0.24 m) above lsd. Highest water level 6.13 ft (1.87 m) below lsd, May 14, 1965; lowest 78.95 ft (24.06 m) below lsd, Aug. 28, 1970. Records available: 1963-73. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1971	9.58	Sept. 15, 1971	55.8	July 21, 1972	10.07	Apr. 24, 1973	9.88
Feb. 23	8.85	Oct. 22	11.16	Sept. 14	62.5	June 5	10.09
Apr. 6	8.84	Dec. 14	9.99	Nov. 7	10.59	Aug. 1	60.8
May 11	8.14	Feb. 5, 1972	7.3	Jan. 5, 1973	9.38	Sept. 26	a98.4
June 22	9.92	April 5	8.26	Feb. 28	8.79	Nov. 20	b26.59
Aug. 2	11.88	June 8	8.39				

a Well being pumped.

b Well pumped recently.

463226120412901. Local number 12/17-9J3. Walter McInnis. Drilled unused water-table well in basalt, diam 4 in (10 cm), depth 479 ft (146 m), cased to 430 ft (131 m). Lsd about 1,460 ft (445 m) above msl. MP top of floor of recorder shelter, 2.20 ft (0.67 m) above lsd. Highest water level 66.85 ft (20.38 m) below lsd, June 26, 1953; lowest 180.82 ft (55.11 m) below lsd, Aug. 28, 1970. Records available: 1953-74.

463226120412901--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1971	106.95	Oct. 22, 1971	117.0	Nov. 8, 1972	120.7	Jan. 11, 1974	123.2
Feb. 23	93.28	Dec. 14	98.89	Jan. 4, 1973	101.6	Mar. 14	103.4
Apr. 6	86.6	Feb. 8, 1972	89.4	Feb. 28	91.1	May 3	92.5
May 11	a87.4	Apr. 5	89.2	Apr. 24	89.4	July 11	98.2
June 23	85.3	June 8	86.8	June 5	98.6	Aug. 28	165.2
Aug. 2	97.3	July 21	88.2	Aug. 1	157.0	Oct. 25	150.6
Sept. 15	136.7	Sept. 14	148.2	Sept. 26	179.6	Dec. 20	122.05

a Well being pumped.

463212120432301. Local number 12/17-17C1. R. C. Cornelius. Formerly Carl Scheneberger, Carson and Rutherford Rds., Yakima. Drilled irrigation artesian well in basalt, diam 8 in (20 cm), depth 243 ft (74 m), cased to 166 ft (51 m). Lsd about 1,562 ft (476 m) above msl. MP end of reducer in end of horizontal 3-in (7.6-cm) pipe, 3.00 ft (0.91 m) above lsd. Highest water level 2,60 ft (0.79 m) above lsd, May 22, 1962; lowest 95.4 ft (29.1 m) below lsd, Sept. 14, 1972. Records available: 1959-74.

Jan. 8, 1971	24.8	Sept. 15, 1971	a86.8	July 21, 1972	a31.8	June 5, 1973	a155.0
Feb. 23	16.9	Oct. 22	b6.9	Sept. 14	95.4	Aug. 1	a164.9
Apr. 6	12.3	Dec. 14	28.9	Nov. 7	43.4	Sept. 26	a145.3
May 11	b65.6	Feb. 8, 1972	21.6	Jan. 5, 1973	28.3	Nov. 20	51.2
June 22	40.4	Apr. 5	15.3	Feb. 28	21.0	Mar. 14, 1974	21.7
Aug. 2	a64.1	June 8	a44.7	Apr. 24	a166.6	Oct. 25	61.4

a Well being pumped.

b Well pumped recently.

463331120343701. Local number 12/18-4F1. A. H. Lust. McDonald and Ahtanum Rds. Dug domestic water-table well in sand and gravel; diam 36 in (91 cm); depth unknown, previously reported 12 ft (4 m); lined with concrete to 9 ft (3 m). Lsd 1,137.20 ft (346.62 m) above msl. MP top southeast side of concrete curb, 1.00 ft (0.30 m) above lsd. Highest water level 2.20 ft (0.67 m) below lsd, May 19, 1952; lowest 12.74 ft (3.88 m) below lsd, Oct. 5, 1967. Records available: 1951-73. Measurement discontinued.

Jan. 8, 1971	8.76	Sept. 15, 1971	10.04	July 21, 1972	7.02	Apr. 24, 1973	8.93
Feb. 23	6.93	Oct. 22	10.71	Sept. 14	10.16	June 5	8.80
Apr. 6	7.00	Dec. 13	9.35	Nov. 8	9.14	Aug. 1	10.63
May 11	7.46	Feb. 8, 1972	8.08	Jan. 4, 1973	8.00	Sept. 26	11.33
June 23	6.83	Apr. 5	5.80	Feb. 28	7.90	Nov. 20	8.72
Aug. 2	9.09	June 8	6.63				

463022120095801. Local number 12/21-27A1. Washington Department of Agriculture. Moxee Plant Quarantine Station. Drilled irrigation water-table well in unknown aquifer, diam 12 to 10 in (30 to 25 cm), depth 295 ft (90 m), cased to 295 ft (90 m), perforated 193-295 ft (59-90 m). Lsd about 1,555 ft (474 m) above msl. MP airline gage. Highest water level 200 ft (61 m) below lsd, Jan. 15, Feb. 24, Mar. 28, 1966; lowest 228 ft (69 m) below lsd, Aug. 5, 1971. Records available: 1965-74.

Jan. 8, 1971	206	Sept. 17, 1971	210	July 21, 1972	a224	June 14, 1973	a218
Feb. 19	206	Nov. 2	210	Sept. 13	a224	Aug. 13	a230
Apr. 6	206	Dec. 17	208	Nov. 2	216	Nov. 15	210
May 14	a220	Mar. 29, 1972	206	Jan. 3, 1973	210	Mar. 14, 1974	211
June 30	a218	June 8	a218	Feb. 22	216	Oct. 29	216
Aug. 5	228						

a Well being pumped.

464445120360001. Local number 15/18-32K3. Wenas Valley Grange. Drilled institutional water-table well in gravel, diam 8 to 6 in (20 to 15 cm), depth 85 ft (26 m), cased. Lsd about 1,460 ft (445 m) above msl. MP top of casing, 6.00 ft (1.83 m) below lsd. Highest water level 5.52 ft (1.68 m) below lsd, Oct. 8, 1970; lowest 74.14 ft (22.60 m) below lsd, Nov. 6, 1969. Records available: 1948, 1954-74.

Jan. 7, 1971	47.0	Apr. 12, 1972	45.3	Feb. 22, 1973	46.1	Nov. 15, 1973	48.7
Feb. 19	46.3	June 7	44.3	Apr. 20	46.4	Mar. 13, 1974	47.1
Apr. 2	46.8	July 20	44.9	June 6	47.2	July 10	45.6
May 13	45.7	Sept. 12	b50.8	Aug. 2	48.7	Sept. 27	45.1
Sept. 16	48.3	Nov. 7	b51.5	Sept. 25	48.8	Oct. 25	44.9
Oct. 29	47.7	Jan. 4, 1973	46.4				

b Well pumped recently.

WYOMING

The observation-well program in Wyoming was continued through 1974 in cooperation with the State Engineer and the City of Cheyenne. Water-level measurements were made in 50 wells, two (2) of which were equipped with continuous recording gages. Figure 9 shows the location of observation wells included in this report. Other reports which contain water-level data are listed in the references.

Well-Numbering System

Wells are numbered according to their latitude-longitude location, as explained on page 1. Local well numbers are also given.

Local well numbers give the location of the well within the Bureau of Land Management's system of land subdivision. The first numeral of a well number indicates the township, the second the range, and the third the section in which the well is located. The letters which follow the section number indicate the location of the well within the section. The first letter denotes the quarter section, the second the quarter-quarter section, and the third, if used, the quarter-quarter-quarter section. The subdivisions of the section are lettered a, b, c, and d counterclockwise beginning with "a" in the northeast quarter. Where more than one well is located in the smallest subdivision used, consecutive numbers beginning with "1" are added to the well number. Well numbers beginning with a capital letter A, B, C, or D designate wells in the northeast, northwest, southwest, or southeast quadrant, respectively, of the Wind River meridian and base-line system. Well numbers that do not begin with a capital letter designate wells in the northwest quadrant of the sixth principal meridian and base-line system. Thus, well 53-65-18bacl is the first well inventoried in the SW₄ NE₄ NW₄ sec. 18, T.53 N., R.65 W. of the sixth principal meridian and base-line system.

Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum, unless otherwise indicated. When some measurements in a table are above and others below the plane of reference, a plus (+) or minus (-) sign is placed immediately below the first entry in each column of each mixed table. Readings between plus signs are above the plane of reference, and those between minus signs are below the plane of reference.

Albany County

410847105585201. Local number 14-77-25cd. Wm. D. Embree. Drilled stock water-table well in gravel of terrace deposits, diam 8 in (20 cm), depth 75 ft (23 m), cased with steel. Lsd about 7,424 ft (2,263 m) above ms1. MP top of casing, 0.90 ft (0.27 m) above lsd. Highest water level 24.92 ft (7.60 m) below lsd, Sept. 21, 1951; lowest 35.79 ft (10.91 m) below lsd, Apr. 19, 1965. Records available: 1948-53, 1959-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 18, 1971	30.72	Sept. 8, 1971	29.08	Feb. 25, 1972	29.38	Oct. 1, 1972	28.65
Mar. 30	32.47	Oct. 1	28.66	Mar. 23	29.99	Oct. 12	28.82
Apr. 7	32.19	Nov. 22	28.99	May 3	30.88	Nov. 7	29.12
May 13	32.88	Dec. 20	28.39	June 12	30.80	May 5, 1973	33.92
June 10	32.83	Jan. 21, 1972	28.21	July 11	29.73	Sept. 30, 1974	32.80

413816105325601. Local number 19-73-2cdd. Gil Smith. Drilled unused artesian well in Forelle Limestone, diam unknown, depth 100 ft (30 m), casing information not available. Lsd 7,300 ft (2,225 m) above ms1. MP bolt hole in pumpbase, 0.50 ft (0.15 m) above lsd. Highest water level 58.26 ft (17.76 m) below lsd, June 19, 1974; lowest 71.83 ft (21.89 m) below lsd, May 8, 1968. Records available: 1965-68, 1970-74.

Date	Water level						
Jan. 26, 1971	65.66	Jan. 17, 1972	67.24	Dec. 14, 1972	68.96	Feb. 19, 1974	59.29
Mar. 22	66.26	Feb. 10	67.32	Jan. 15, 1973	69.43	Mar. 18	59.03
Apr. 7	67.24	Mar. 10	67.39	Feb. 28	69.98	Apr. 22	58.55
May 23	66.83	Apr. 17	71.22	May 24	63.03	May 20	58.31
June 14	67.94	May 15	70.46	June 15	60.39	June 19	58.26
July 5	67.07	June 15	68.84	July 27	60.77	Aug. 19	60.15
Aug. 3	71.76	July 13	68.44	Aug. 22	59.89	Sept. 23	60.69
Sept. 9	67.84	Aug. 15	68.70	Oct. 26	59.78	Oct. 22	60.58
Oct. 1	67.52	Oct. 1	68.97	Nov. 19	59.86	Nov. 18	60.50
Nov. 29	67.37	17	69.07	Jan. 24, 1974	59.61	Dec. 17	60.58
Dec. 7	67.35	Nov. 29	69.02				

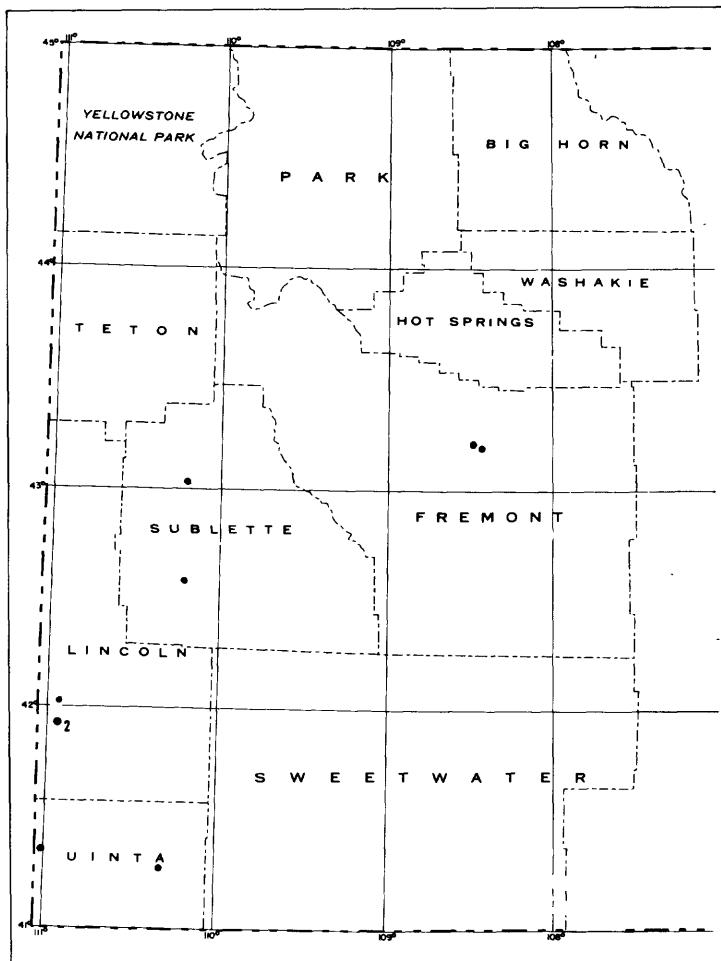
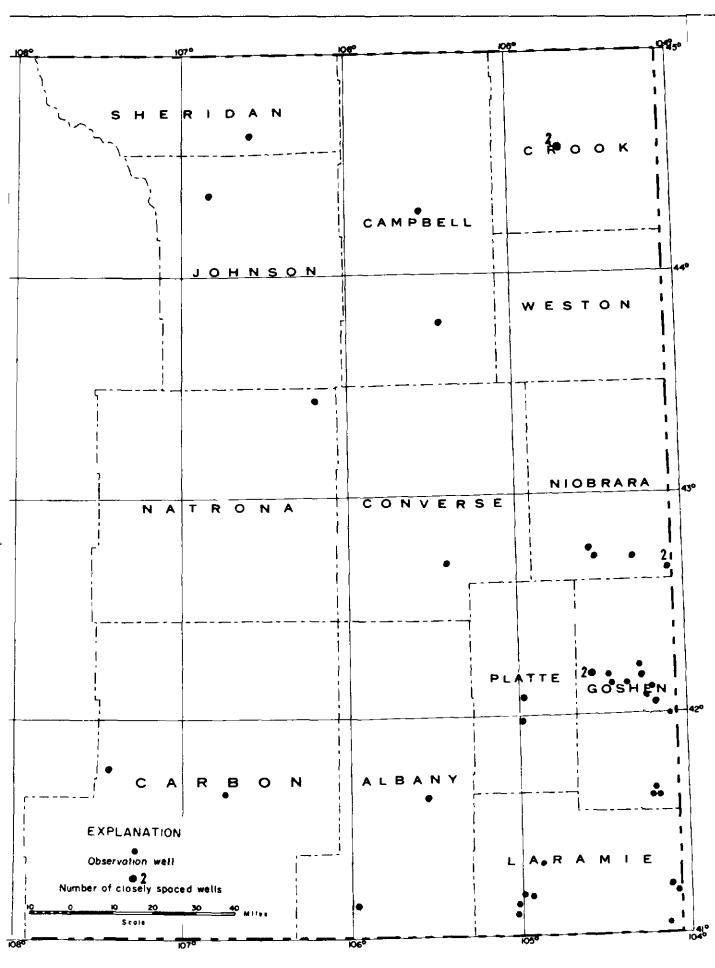


Figure 9.--Location of observation



wells in Wyoming, 1971-74.

Campbell County

43461105295001 (revised). Local number 44-72-22cc. Durham Meat Co. Drilled unused artesian well in Wasatch Formation, diam 14 in (36 cm), depth 189 ft (58 m), cased with steel. Lsd about 4,890 ft (1,490 m) above ms1. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 43,80 ft (13.35 m) below lsd, Oct. 7, 1968; lowest 46.99 ft (14.32 m) below lsd, Feb. 15, 1973. Records available: 1968-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1971	46.20	Oct. 12, 1971	46.86	June 26, 1972	46.33	May 24, 1973	46.49
Feb. 4	46.33	Nov. 15	46.77	Aug. 2	46.37	Aug. 20	46.40
Apr. 6	46.40	Dec. 13	46.28	22	46.44	Nov. 20	46.00
May 10	46.50	Jan. 18, 1972	46.31	Sept. 18	46.40	Feb. 13, 1974	46.27
June 7	46.87	Feb. 14	46.08	Oct. 16	46.36	May 7	46.38
July 6	46.91	Mar. 27	46.43	Nov. 14	46.35	Aug. 6	46.40
Aug. 2	46.92	May 2	46.53	Dec. 12	46.21	Nov. 19	46.31
30	46.83	30	46.48	Feb. 15, 1973	46.99		

441700105315001. Local number 50-72-20add. State of Wyoming. Drilled observation artesian well in sandstone of Wasatch Formation, diam 3 in (7.6 cm), depth 320 ft (98 m), cased to 180 ft (55 m). Lsd 4,567.14 ft (1,392.06 m) above ms1. MP top of casing, 2.90 ft (0.88 m) above lsd. Highest water level 71.30 ft (21.73 m) below lsd, June 14, 1961; lowest 90.85 ft (27.69 m) below lsd, Apr. 17, 1966. Records available: 1949-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1971	78.57	Dec. 13, 1971	81.42	Aug. 22, 1972	81.86	July 24, 1973	82.59
Feb. 4	79.62	Jan. 16, 1972	81.33	Sept. 18	81.90	Aug. 21	82.32
Apr. 6	79.83	Feb. 14	81.44	23	81.71	Oct. 25	81.75
May 10	79.96	Mar. 27	81.57	Oct. 16	81.89	Dec. 5	82.76
June 7	79.86	May 2	81.60	Nov. 15	81.95	Feb. 13, 1974	82.71
Aug. 2	81.29	30	81.72	Dec. 12	81.96	May 7	82.69
30	81.28	June 26	81.66	Feb. 15, 1973	82.16	July 2	82.82
Oct. 12	81.43	July 31	81.81	May 11	82.40	Aug. 6	82.81
Nov. 15	81.44						

Carbon County

414104106442801. Local number 20-83-2bab. State of Wyoming. Drilled unused water-table well in sand of North Park Formation, diam 3 in (7.6 cm), depth 33 ft (10 m), cased with steel. Lsd about 6,762 ft (2,061 m) above ms1. MP top of casing, 2.70 ft (0.82 m) above lsd. Highest water level 15.97 ft (4.87 m) below lsd, Aug. 21, 1974; lowest 22.00 ft (6.71 m) below lsd, Sept. 22, 1961. Records available: 1950-74.

Dec. 29, 1971	19.14	Aug. 23, 1973	17.28	Feb. 2, 1974	16.67	Aug. 21, 1974	15.97
Oct. 1, 1972	18.99	Nov. 13	16.25	May 22	16.00	Nov. 20	16.28

414650107254501. Local number 21-89-22adal. Bureau of Land Management. Drilled unused water-table well in Fort Union Formation, diam 4 in (10 cm), depth 156 ft (48 m), cased with steel. Lsd 6,705 ft (2,044 m) above ms1. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 37.30 ft (11.37 m) below lsd, Feb. 21, 1974; lowest 42.64 ft (13.00 m) below lsd, July 18, 1963. Records available: 1963, 1965-74.

Jan. 19, 1971	38.44	Sept. 15, 1971	38.18	June 14, 1972	38.14	May 23, 1973	37.79
Mar. 23	38.33	Oct. 7	38.34	July 12	38.76	Aug. 23	37.53
Apr. 27	38.35	Nov. 23	38.20	Aug. 22	38.03	Nov. 27	37.39
May 20	38.24	Dec. 21	38.27	Sept. 28	38.04	Feb. 21, 1974	37.30
June 3	38.44	Jan. 19, 1972	38.22	Oct. 12	38.80	May 21	37.85
16	38.38	Feb. 9	38.15	Nov. 9	38.02	Aug. 22	37.70
July 14	38.37	Mar. 9	38.34	Feb. 21, 1973	38.56	Nov. 19	37.57
Aug. 18	38.33	May 17	38.03				

Converse County

424229105242901. Local number 32-71-31aaa. Mrs. Sallie Edwards. Drilled domestic water-table well in siltstone of White River Group, diam 6 in (15 cm), depth 84 ft (26 m), cased to 84 ft (26 m). Lsd about 4,837 ft (1,474 m) above ms1. MP hole in pump housing, 1.70 ft (0.52 m) above lsd. Highest water level 12.17 ft (.57 m) below lsd, Dec. 13, 1970; lowest 20.32 ft (6.19 m) below lsd, July 10, 1950. Records available: 1950-56, 1958-74. Dec. 15, 1971, 12.27; Sept. 19, 1972, 12.45; Dec. 19, 12.46; May 11, 1973, 12.32; Sept. 21, 14.48; May 22, 1974, 12.74; Sept. 24, 12.90.

Crook County

443503104425101. Local number 53-65-18bac1. National Park Service. Drilled unused artesian well in Minnekahta Limestone, diam 6 in (15 cm), depth 468 ft (143 m), cased to 468 ft (137 m); open hole below. Lsd 3,865 ft (1,178 m) above ms1. MP top of casing, 1.10 ft (0.34 m) above lsd. Highest water level 12.41 ft (3.78 m) below lsd, Nov. 21, 1974; lowest 26.10 ft (7.96 m) below lsd, Apr. 23, 1963. Records available: 1955, 1960, 1962-74.

443503104425101--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 14, 1971	15.92	May 23, 1973	14.48	Dec. 6, 1973	13.07	July 3, 1974	12.88
Sept. 22, 1972	14.44	June 5	14.51	Jan. 10, 1974	12.83	Aug. 8	12.45
Dec. 13	14.34	July 25	13.92	Feb. 14	12.95	Sept. 11	12.68
Jan. 17, 1973	14.02	Aug. 21	13.34	Mar. 14	13.06	Oct. 23	12.73
Feb. 14	14.51	Sept. 18	13.11	Apr. 25	13.20	Nov. 21	12.41
Mar. 21	14.18	Oct. 24	12.87	May 8	12.97	Dec. 11	12.55
Apr. 11	14.63	Nov. 15	12.74	June 5	12.66		

443459104425601. Local number 53-65-18bbd2. National Park Service. Drilled public-supply artesian well in Pahasapa Limestone, diam 8 in (20 cm), depth 1,341 ft (409 m), perforated casing 1,315-1,341 ft (401-409 m). Lsd 3,865 ft (1,178 m) above msl. MP top of casing, 2,30 ft (0.70 m) above lsd. Highest water level 4.17 ft (1.27 m) below lsd, Nov. 14, 1973; lowest 22.24 ft (6.78 m) below lsd, May 8, 1964. Records available: 1962-74.

Dec. 14, 1971	7.72	Feb. 14, 1973	7.15	Jan. 10, 1974	a26.33	Aug. 8, 1974	5.10
Sept. 22, 1972	5.46	May 23	4.55	May 8	5.10	Nov. 21	7.40
Dec. 13	6.28	Nov. 14	4.17				

a Well being pumped.

Fremont County

431327108311101. Local number A3-3-2lada2. H. W. Roland. Drilled unused artesian well in sandstone of Wind River Formation, diam 6 in (15 cm), depth 425 ft (130 m), cased to 403 ft (123 m). Lsd 5,273 ft (1,607 m) above msl. MP top of casing, at lsd. Highest water level 146.29 ft (44.59 m) below lsd, Dec. 1, 1950; lowest (revised), 165.20 ft (50.35 m) below lsd, May 1, 1974. Records available: 1948-74. The measurement of 169.00 ft on Oct. 20, 1967, published in WSP 1980 was incorrect and has been deleted.

Jan. 18, 1971	156.52	Jan. 10, 1972	154.73	Feb. 12, 1973	156.51	Feb. 5, 1974	160.07
Feb. 19	156.20	Feb. 14	155.06	Apr. 2	156.52	Mar. 7	155.52
Mar. 18	156.22	Mar. 8	155.20	May 2	155.74	Mar. 26	155.64
Apr. 16	156.54	Apr. 13	155.37	June 1	156.43	May 1	165.20
May 7	156.46	May 10	155.00	28	158.69	June 7	157.63
June 1	156.17	June 8	155.40	July 30	159.76	July 2	158.42
July 10	157.47	July 7	155.37	Sept. 6	160.22	31	159.65
Aug. 3	157.97	31	153.04	Oct. 12	161.37	Aug. 29	159.84
Sept. 27	154.02	Sept. 12	160.04	Nov. 9	157.44	Oct. 10	159.78
Oct. 22	156.72	26	161.19	Dec. 4	157.10	Nov. 1	157.78
Nov. 17	155.51	Nov. 2	164.54	Jan. 2, 1974	158.82	Dec. 16	157.41
Dec. 6	155.35	Dec. 13	157.69				

431253108284401. Local number A3-3-2bbb. U.S. Bureau of Reclamation. Drilled unused water-table well in alluvium, diam 3 in (7.6 cm), depth 28 ft (9 m), perforated 0-28 ft (0-9 m). Lsd 5,150 ft (1,570 m) above msl. MP top of casing, 1,50 ft (0.46 m) above lsd. Highest water level 1.81 ft (0.55 m) below lsd, Aug. 29, 1974; lowest 15.38 ft (4.69 m) below lsd, May 10, 1972. Records available: 1951-74.

Jan. 18, 1971	14.00	Sept. 27, 1971	11.80	May 10, 1972	15.38	May 2, 1973	14.27
Feb. 19	14.30	Oct. 22	12.00	June 1	12.90	June 1	9.38
Mar. 16	14.78	Nov. 17	12.33	July 7	10.82	Sept. 6	5.29
Apr. 16	15.17	Dec. 5	12.76	31	5.30	Oct. 12	11.19
May 7	14.90	Jan. 10, 1972	13.60	Sept. 12	3.55	Mar. 26, 1974	12.64
June 1	13.11	Feb. 14	14.33	26	10.48	May 1	14.96
July 10	13.72	Mar. 8	14.70	Nov. 2	6.93	Aug. 29	1.81
Aug. 3	12.65	April 13	15.03	Apr. 2, 1973	14.49	Oct. 10	8.10

Goshen County

413816104094901. Local number 19-61-2ced. City of Lagrange. Drilled unused water-table well in sand and gravel over alluvium, diam 4 in (10 cm), depth 30 ft (9 m), galvanized casing. Lsd 4,577.2 ft (1,395.1 m) above msl. MP top of casing, 0.90 ft (0.27 m) above lsd. Highest water level 11.26 ft (3.43 m) below lsd, Aug. 29, 1973; lowest dry, Oct. 8, 1959, Sept. 21, 1961. Records available: 1943, 1949-69, 1972-74. Measurement resumed in 1972.

May 18, 1972	17.00	Feb. 2, 1973	15.64	Aug. 29, 1973	11.26	May 22, 1974	17.63
June 29	16.01	28	14.54	Sept. 28	11.66	July 2	14.45
July 26	17.67	Mar. 30	15.44	Oct. 29	12.75	30	14.93
Aug. 30	16.08	April 12	15.55	Nov. 30	14.25	Aug. 30	15.27
Oct. 4	17.09	May 7	14.72	Jan. 9, 1974	14.93	Oct. 2	15.46
30	16.65	29	13.40	29	14.48	Nov. 5	14.19
Nov. 22	16.36	June 27	12.52	Feb. 27	14.33	27	13.31
Dec. 27	16.16	Aug. 1	11.65	Apr. 16	14.86	Dec. 30	13.94

413813104115501. Local number 19-61-4cdd2. Formerly 19-61-4cdd. Hugh Stemler. Drilled irrigation water-table well in alluvium, diam 4 ft (1 m), depth 33 ft (10 m), cased to 33 ft (10 m). Lsd 4,557 ft (1,389 m) above msl. MP top north side of casing, 0.20 ft (0.06 m) above lsd. Highest water level 4.07 ft (1.24 m) below lsd, June 4, 1949; lowest 13.40 ft (4.08 m) below lsd, Nov. 7, 1966. Records available: 1943, 1948-69, 1972-74. Measurement resumed in 1972.

413813104115501--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 18, 1972	8.75	Dec. 27, 1972	10.07	Aug. 1, 1973	9.56	Apr. 16, 1974	5.69
June 29	7.34	Feb. 2, 1973	10.16	29	7.80	May 22	66.38
July 26	c25.82	28	9.95	Sept. 28	6.62	July 2	6.88
Aug. 30	9.15	Mar. 30	8.46	Oct. 29	7.29	Oct. 2	9.39
Oct. 30	9.56	May 7	4.94	Nov. 30	7.83	Nov. 5	8.22
31	9.73	29	6.98	Jan. 10, 1974	8.47	27	7.24
Nov. 22	9.64	June 27	6.74	29	8.20	Dec. 30	7.76

c Nearby well being pumped.

414005104101701. Local number 20-61-27ddaa. Formerly 20-61-27ddc. Curtis Templin. Drilled stock water-table well in gravel of alluvium, diam 6 in (15 cm), depth 86 ft (26 m), galvanized casing. Lsd 4,529 ft (1,380 m) above msl. MP edge of joint in wooden clamp, 0.90 ft (0.27 m) above lsd. Highest water level 28.57 ft (8.71 m) below lsd, July 27, 1943; lowest 36.17 ft (11.02 m) below lsd, Oct. 6, 1969. Records available: 1943, 1949-70, 1972-74. No measurement made in 1971.

May 17, 1972	29.39	Mar. 29, 1973	33.77	Oct. 29, 1973	b31.60	July 2, 1974	30.04
June 29	33.25	Apr. 18	33.74	Nov. 30	b31.59	30	b30.37
Aug. 30	33.72	May 7	33.36	Jan. 9, 1974	31.47	30	31.02
Sept. 27	34.00	30	32.99	29	31.31	Oct. 2	31.56
Oct. 31	34.45	June 27	a32.84	Feb. 27	31.07	5	32.09
Nov. 22	34.38	Aug. 2	32.06	Apr. 16	30.35	27	31.92
Dec. 27	34.18	29	31.93	May 22	c31.08	Dec. 30	31.54
Feb. 28, 1973	33.85	Sept. 28	31.57				

a Well being pumped.

b Well pumped recently.

c Nearby well being pumped.

415902104031601. Local number 23-60-10aac. Formerly 23-60-10aad. French Ditch Irrigation Co. Drilled irrigation water-table well in sand and gravel of alluvium, diam 24 in (61 cm), depth 50 ft (15 m), cased with steel. Lsd 4,030.8 ft (1,228.6 m) above msl. MP top of casing, 0.50 ft (0.15 m) above lsd. Highest water level 4.34 ft (1.32 m) below lsd, May 20, 1971; lowest 16.43 ft (5.01 m) below lsd, Aug. 10, 1970. Records available: 1950-74.

Jan. 21, 1971	8.15	Sept. 23, 1971	7.85	May 22, 1972	8.27	Dec. 4, 1973	8.66
Feb. 22	8.18	Oct. 19	8.27	June 19	7.09	Jan. 20, 1974	8.14
Apr. 6	7.96	Nov. 22	8.49	Sept. 25	8.25	20	5.81
28	5.68	Dec. 16	8.75	Jan. 30, 1973	8.75	21	7.74
May 20	4.34	Jan. 25, 1972	8.74	Mar. 30	8.50	30	7.69
June 29	5.19	Feb. 29	7.69	May 25	4.68	8	8.39
July 29	al6.05	Mar. 22	6.84	Sept. 14	6.38	18	8.76
Aug. 16	al5.90	May 2	8.47				

a Well being pumped.

420489104133401. Local number 24-61-5ccb2. Formerly 24-61-5ccb. U.S. Geol. Survey. Bored observation water-table well in alluvium, diam 1 in (2.5 cm), depth 27 ft (8 m), cased with steel to 27 ft (8 m), sand point. Lsd 4,121 ft (1,256 m) above msl. MP top of casing, 2.00 ft (0.61 m) above lsd. Highest water level 18.28 ft (5.57 m) below lsd, July 10, 1973; lowest 25.24 ft (7.69 m) below lsd, May 4, 1965. Records available: 1962-74.

Jan. 21, 1971	23.48	Oct. 19, 1971	21.30	June 19, 1972	20.51	Sept. 14, 1973	19.42
Feb. 25	23.86	Nov. 22	22.85	July 25	19.12	Dec. 4	22.21
Apr. 7	23.92	Dec. 16	23.32	Aug. 23	19.73	Jan. 20, 1974	23.35
28	22.97	Jan. 25, 1972	23.88	Sept. 26	19.86	20	22.34
May 20	21.42	Feb. 29	23.97	Jan. 30, 1973	23.83	21	20.88
June 30	19.66	Mar. 22	22.99	Mar. 30	24.22	30	18.46
July 29	18.90	May 1	23.44	May 25	20.64	8	20.22
Aug. 17	18.95	23	21.98	July 10	18.28	18	22.94
Sept. 24	19.92						

420426104100601. Local number 24-61-11bbb. Bill Ring. Drilled irrigation water-table well in terrace deposits, diam 18 in (45 cm), depth 118 ft (36 m), cased with 10 gauge steel. Lsd 4,207 ft (1,282 m) above msl. MP top edge of hole in pumpbase, 0.75 ft (0.23 m) above lsd. Highest water level 69.32 ft (21.13 m) below lsd, Oct. 8, 1974; lowest 81.86 ft (24.95 m) below lsd, Aug. 30, 1962. Records available: 1962-74.

Jan. 21, 1971	73.00	Sept. 23, 1971	74.23	May 22, 1972	78.39	Sept. 14, 1973	76.90
Feb. 25	74.07	Oct. 19	73.70	June 19	77.77	4	71.49
Apr. 6	75.23	Nov. 22	73.63	July 25	76.66	20, 1974	72.89
28	76.04	Dec. 16	74.16	Aug. 23	77.68	20	75.43
May 20	76.59	Jan. 25, 1972	75.18	Sept. 25	74.35	24	76.18
June 29	77.84	Feb. 29	77.23	Jan. 30, 1973	74.15	30	78.54
July 29	77.73	Mar. 22	76.68	Mar. 30	75.88	8	69.32
Aug. 16	77.30	May 2	77.93	May 25	77.79	18	70.83

420626104114501. Local number 25-61-28dbc. M. W. Berry. Drilled irrigation water-table well in gravel of terrace deposits, diam 24 in (61 cm), depth 108 ft (33 m), cased with steel, gravel packed. Lsd 4,223.1 ft (1,287.2 m) above msl. MP top of casing, 0.90 ft (0.27 m) above lsd. Highest water level 37.48 ft (11.42 m) below lsd, Oct. 16, 1951; lowest 59.60 ft (18.17 m) below lsd, Sept. 3, 1964. Records available: 1943, 1948-52, 1954-74.

420626104114501--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 21, 1971	47.06	Sept. 24, 1971	49.45	May 23, 1972	52.34	Sept. 14, 1973	48.18
Feb. 25	48.41	Oct. 19	47.77	June 19	52.76	Dec. 4	44.73
Apr. 7	52.60	Nov. 22	47.62	July 26	52.77	Jan. 20, 1974	48.08
28	50.61	Dec. 16	47.99	Aug. 24	51.50	Mar. 20	48.71
May 20	51.20	Jan. 25, 1972	50.07	Sept. 26	47.58	May 21	51.03
June 30	51.85	Feb. 29	50.10	Jan. 30, 1973	48.43	Oct. 8	44.92
July 30	51.47	Mar. 22	50.70	Mar. 30	50.62	Dec. 18	44.80
Aug. 17	53.17	May 1	51.85	May 25	52.04		

421031104170001. Local number 25-62-2bbb. U.S. Geol. Survey. Bored observation water-table well in terrace deposits, diam 1 in (2.5 cm), depth 28 ft (9 m), cased with iron pipe. Lsd 4,230 ft (1,289 m) above msl. MP top of casing, 2.00 ft (0.61 m) above lsd. Highest water level 9.15 ft (2.79 m) below lsd, Sept. 7, 1966; lowest 12.99 ft (3.96 m) below lsd, Apr. 7, 1965.

Records available: 1962-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 21, 1971	12.22	Oct. 20, 1971	11.16	June 19, 1972	11.13	Sept. 14, 1973	9.73
Feb. 25	12.54	Nov. 22	11.66	July 26	11.13	Dec. 4	11.38
Apr. 6	12.60	Dec. 17	11.97	Aug. 24	10.54	Jan. 20, 1974	11.88
28	12.47	Jan. 25, 1972	12.33	Sept. 26	10.67	Mar. 20	12.18
May 21	10.96	Feb. 29	12.31	Jan. 30, 1973	12.15	May 21	12.13
June 30	12.04	Mar. 22	12.51	Mar. 30	12.36	July 30	10.05
July 30	10.95	May 1	12.52	May 25	12.25	Oct. 8	10.22
Aug. 17	11.67	23	11.92	July 10	11.64	Dec. 18	11.60
Sept. 24	10.86						

420753104204701. Local number 25-62-19aab. Lester C. Stroud. Drilled irrigation water-table well in gravel of alluvium, diam 18 in (46 cm), depth 83 ft (25 m), cased to 83 ft (25 m). Lsd 4,172 ft (1,272 m) above msl. MP top of pumpbase, 0.60 ft (0.18 m) above lsd. Highest water level 16.07 ft (5.51 m) below lsd, Sept. 26, 1952; lowest 27.23 ft (8.30 m) below lsd, May 21, 1971.

Records available: 1948-53, 1955-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22, 1971	24.95	Oct. 20, 1971	21.01	June 19, 1972	24.56	Sept. 14, 1973	18.76
Feb. 26	25.26	Nov. 23	22.70	July 26	22.79	Dec. 4	22.31
Apr. 5	26.10	Dec. 17	23.67	Aug. 24	21.85	Jan. 22, 1974	23.33
29	25.56	Jan. 25, 1972	24.97	Sept. 26	21.33	Mar. 20	24.86
May 21	27.23	Feb. 29	25.72	Jan. 3, 1973	25.34	May 21	23.65
June 30	22.67	Mar. 23	25.47	Mar. 30	26.29	July 31	23.13
July 30	20.80	May 1	25.66	May 25	23.43	Oct. 8	20.42
Aug. 18	20.15	23	25.87	July 10	22.28	Dec. 18	23.40
Sept. 24	20.00						

420900104262201. Local number 25-63-9ccb. Emery Bright. Drilled irrigation water-table well in alluvium, diam 24 in (61 cm), depth 61 ft (19 m), galvanized casing, gravel packed. Lsd 4,196.8 ft (1,279.2 m) above msl. MP top of casing, 1.50 ft (0.46 m) above lsd. Highest water level 16.34 ft (4.98 m) below lsd, Sept. 26, 1952; lowest 24.85 ft (7.57 m) below lsd, Nov. 8, 1962. Records available: 1943, 1948-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22, 1971	22.08	Sept. 24, 1971	18.80	May 23, 1972	21.13	Sept. 14, 1973	18.56
Feb. 26	23.32	Oct. 20	19.99	June 19	21.54	Dec. 4	22.30
Apr. 5	22.50	Nov. 23	21.07	July 26	19.83	Jan. 22, 1974	21.19
29	21.34	Dec. 17	21.48	Aug. 24	19.89	Mar. 20	20.24
May 21	19.48	Jan. 25, 1972	22.01	Sept. 26	19.89	May 21	19.31
June 30	17.60	Feb. 29	22.16	Jan. 30, 1973	22.26	Oct. 8	20.48
July 30	18.05	Mar. 23	21.25	Mar. 30	22.54	Dec. 18	20.88
Aug. 18	18.53	May 1	21.69	May 25	19.78		

421357104165001. Local number 26-62-14bba. Arthur Damrow. Drilled irrigation water-table well in gravel of alluvium, diam 18 in (46 cm), reported depth 39 ft (12 m), galvanized iron casing, gravel packed. Lsd 4,274.4 ft (1,302.8 m) above msl. MP hole in wood cover, 0.20 ft (0.06 m) above lsd. Highest water level 10.78 ft (3.29 m) below lsd, June 25, 1971; lowest 18.03 ft (5.50 m) below lsd, Sept. 21, 1961. Records available: 1948-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 21, 1971	12.36	Oct. 20, 1971	11.75	June 19, 1972	11.99	Sept. 14, 1973	11.66
Feb. 25	12.38	Nov. 22	11.77	July 26	11.85	Dec. 4	11.57
Apr. 6	12.30	Dec. 17	11.83	Aug. 24	11.76	Jan. 20, 1974	11.48
28	12.32	Jan. 25, 1972	11.80	Sept. 26	11.75	Mar. 20	11.56
May 21	12.01	Feb. 29	11.74	Jan. 30, 1973	11.69	May 21	11.53
June 30	10.78	Mar. 22	11.78	Mar. 30	11.66	July 30	11.42
July 30	11.75	May 1	11.77	May 25	11.57	Oct. 8	11.49
Aug. 17	11.75	23	11.73	July 10	11.82	Dec. 18	11.56
Sept. 24	11.93						

421044104263201. Local number 26-63-32dac. Joseph Spikner. Drilled irrigation water-table well in gravel of alluvium, diam 18 in (46 cm), depth 80 ft (24 m), cased to 80 ft (24 m). Lsd 4,204.6 ft (1,281.6 m) above msl. MP top of casing through hole in pumpbase, at lsd. Highest water level 17.97 ft (5.48 m) below lsd, Sept. 26, 1952; lowest 28.51 ft (8.69 m) below lsd, Oct. 1, 1969. Records available: 1948-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22, 1971	24.60	Oct. 20, 1971	21.87	June 19, 1972	22.46	Sept. 14, 1973	18.59
Feb. 26	27.82	Nov. 23	23.16	July 26	21.50	Dec. 4	22.75
Apr. 7	25.10	Dec. 17	23.84	Aug. 24	21.13	Jan. 22, 1974	24.17
29	23.77	Jan. 25, 1972	24.55	Sept. 26	21.20	Mar. 20	23.88
May 20	21.68	Feb. 29	24.70	Jan. 30, 1973	24.72	May 21	22.45
June 30	20.05	Mar. 23	23.59	Mar. 30	25.15	July 30	20.25
July 30	24.92	May 1	24.26	May 25	22.03	Oct. 8	21.35
Aug. 17	a25.89	23	23.89	July 10	19.41	Dec. 18	23.53
Sept. 24	21.25						

a Well being pumped.

GROUND-WATER LEVELS, 1971-74, NORTHWESTERN STATES

421216104332301. Local number 26-64-28bbb1. National Park Service. Drilled domestic water-table well in gravel of alluvium, diam 18 in (46 cm), depth 29 ft (9 m), cased to 29 ft (9 m). Lsd 4,245.9 ft (1,294.2 m) above msl. MP top of casing, 1,20 ft (0.37 m) above lsd. Highest water level 10.72 ft (3.27 m) below lsd, May 15, 1973; lowest 17.80 ft (5.43 m) below lsd, Oct. 16, 1967. Records available: 1948-74.

Date	Water level						
Jan. 15, 1971	15.9	Feb. 15, 1972	g15.85	Jan. 15, 1973	g15.97	Jan. 15, 1974	16.37
Feb. 16	16.0	Mar. 15	g15.65	Feb. 14	g16.10	Feb. 15	16.45
Mar. 15	15.9	Apr. 14	g15.95	Mar. 15	g16.00	Mar. 15	16.25
Apr. 15	15.3	May 16	g15.41	Apr. 15	g15.35	Apr. 15	16.25
May 17	11.1	June 15	g14.85	May 15	g10.72	May 15	16.42
June 16	12.1	July 17	g14.90	June 15	g14.25	June 14	15.57
July 15	14.1	Aug. 15	g15.49	July 16	g14.30	July 15	15.54
Aug. 18	15.2	Sept. 15	g15.63	Aug. 15	g15.80	Aug. 15	16.65
Sept. 15	14.8	19	15.56	Sept. 14	g15.45	Sept. 16	16.42
Oct. 15	15.4	Oct. 17	g16.00	Oct. 15	g15.74	Oct. 15	16.84
Nov. 15	15.6	Nov. 15	g16.00	Nov. 15	g16.08	Nov. 15	16.60
Dec. 15	15.7	Dec. 15	g15.61	Dec. 14	g16.35	Dec. 16	16.95
Jan. 14, 1972	g15.90						

g Measurement made by National Park Service.

42120510433001. Local number 26-64-29ada. National Park Service. Dug observation water-table well in sand and gravel of alluvium, diam 36 in (91 cm), depth 43 ft (13 m), cribbed with rock. Lsd 4,248.8 ft (1,295.0 m) above msl. MP platform, 0.80 ft (0.24 m) above lsd. Highest water level 12.4 ft (3.8 m) below lsd, May 17, 1971; lowest 19.17 ft (5.84 m) below lsd, Feb. 20, 1954. Records available: 1942-43, 1946-74.

Date	Water level						
Jan. 15, 1971	17.9	Jan. 14, 1972	g17.61	Dec. 15, 1972	g18.20	Dec. 14, 1973	g17.44
Feb. 16	17.6	Feb. 15	g17.50	Jan. 15, 1973	g17.70	Jan. 15, 1974	17.40
Mar. 15	17.7	Mar. 15	g17.30	Feb. 14	g17.93	Mar. 15	17.43
Apr. 15	17.0	Apr. 14	g17.50	Mar. 15	g17.75	Apr. 15	17.38
May 17	12.4	May 16	g17.00	Apr. 15	g17.10	May 15	17.64
June 16	13.6	June 15	g17.35	May 15	g12.70	June 14	16.79
July 15	15.7	July 17	g17.40	June 15	g16.00	July 15	17.38
Aug. 18	17.1	Aug. 15	g17.58	July 16	g17.15	Aug. 15	18.02
Sept. 15	17.2	Sept. 15	g17.70	Aug. 15	g17.25	Sept. 16	17.99
Oct. 15	17.2	19	17.37	Sept. 14	g16.80	Oct. 15	18.05
Nov. 15	17.2	Oct. 17	g17.75	Oct. 15	g17.20	Nov. 15	17.70
Dec. 15	17.4	Nov. 15	g18.92	Nov. 15	g17.20	Dec. 16	18.07

g Measurement made by National Park Service.

Johnson County

44242710649001. Local number 51-83-10ac. Formerly 51-83-10ac. Niels Nielson. Drilled stock water-table well in Kingsbury Conglomerate Member of Wasatch Formation, diam 6 in (15 cm), depth 275 ft (84 m), cased to 205 ft (62 m). Lsd not available. MP top of casing, 1,60 ft (0.49 m) above lsd. Highest water level 30.90 ft (9.42 m) below lsd, Apr. 11, 1960; lowest 35.86 ft (10.93 m) below lsd, May 28, 1974. Records available: 1960-74, Oct. 29, 1971, 34.38; Sept. 23, 1972, 34.65; Sept. 21, 1973, 34.81; May 28, 1974, 35.86; Sept. 6, 34.93.

Laramie County

410322104071701. Local number 13-60-31aaa. W. T. Young, Jr. Drilled irrigation water-table well in siltstone of Brule Formation, diam 20 in (51 cm), depth 100 ft (30 m), galvanized iron casing. Lsd 5,184.8 ft (1,580.3 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 35.10 ft (10.70 m) below lsd, Mar. 28, 1974; lowest 43.93 ft (13.39 m) below lsd, Aug. 25, 1972. Records available: 1940-69, 1971-74. Measurement resumed in 1971.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 16, 1971	36.32	May 23, 1972	36.62	Jan. 29, 1973	37.29	Oct. 3, 1973	39.94
June 17	35.89	June 23	g59.60	Feb. 27	36.14	29	c54.00
July 16	a61.10	July 21	c55.88	Mar. 27	36.08	Nov. 29	37.98
Aug. 23	a80.60	Aug. 25	43.93	Apr. 27	36.00	Feb. 11, 1974	36.75
Sept. 27	40.95	Sept. 22	40.00	May 30	c63.30	Mar. 28	35.10
Oct. 26	41.77	Oct. 25	c55.10	June 26	c59.86	May 17	35.69
Dec. 27	37.92	Nov. 22	39.45	Aug. 13	c59.59	Sept. 5	43.16
Mar. 21, 1972	37.09	Dec. 27	37.79	Sept. 6	c57.35	Nov. 11	38.79
Apr. 24	a52.13						

a Well being pumped.

c Nearby well being pumped.

410534105002401. Local number 13-68-16dbd. City of Cheyenne. Drilled municipal water-table well in gravel of Ogallala Formation, diam 10 to 8 in (25 to 20 cm), depth 300 ft (91 m), cased with steel. Lsd 6,541.9 ft (2,024.5 m) above msl. MP top of auxiliary pipe, 1.00 ft (0.30 m) above lsd. Highest water level 104.16 ft (31.75 m) below lsd, Nov. 30, 1949; lowest 148.62 ft (45.30 m) below lsd, Nov. 24, 1972. Records available: 1949-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22, 1971	140.55	Nov. 30, 1971	141.22	Aug. 29, 1972	143.47	May 4, 1973	142.89
Feb. 17	140.51	Jan. 6, 1972	141.15	Oct. 26	148.02	Oct. 4	143.67
Mar. 31	141.24	Feb. 1	140.82	Nov. 24	148.62	30	142.98
May 3	140.58	25	140.96	Jan. 3, 1973	147.82	Nov. 30	143.28
June 2	139.02	Mar. 31	141.10	30	142.37	Apr. 1, 1974	142.35
Sept. 30	141.84	Apr. 21	141.80	Feb. 28	143.98	Oct. 24	146.24
Oct. 28	141.40	May 31	141.79	Apr. 2	142.97		

411238104070801. Local number 14-60-5bab. C. C. Gross. Drilled unused water-table well in siltstone of Brule Formation, diam 18 in (46 cm), reported depth 100 ft (30 m), cased with steel. Lsd 5,982 ft (1,549 m) above msl. MP top of casing, at lsd. Highest water level 29.40 ft (8.96 m) below lsd, July 9, 10, 1967; lowest 53.60 ft (16.34 m) below lsd, Aug. 28, 1971. Records available: 1957-74.

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	33.67	33.21	32.98	.....	32.69	33.17	38.47	52.57	42.03	38.06	37.25	36.03
10	33.95	33.19	32.95	.....	32.78	33.26	39.00	40.76	41.52	39.41	36.97	35.82
15	33.51	33.13	32.93	.....	32.71	33.81	39.77	45.20	41.33	39.14	36.83	35.62
20	33.40	33.13	32.73	.....	32.66	32.65	47.54	51.62	42.35	39.66	38.39	36.60
25	33.34	33.00	32.68	.....	32.68	32.67	37.12	40.51	43.20	38.88	37.89	35.30
Eom	33.30	33.00	.....	32.67	32.80	37.64	52.53	53.01	38.37	37.59	36.16	35.18

1972

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	35.02	34.40	34.03	33.78	34.31	49.51	.....	52.96	39.94	39.77	37.59	36.28
10	34.88	34.37	33.97	34.50	35.09	38.30	.....	52.48	40.04	39.97	37.30	36.10
15	34.82	34.25	33.92	34.47	34.48	37.56	.....	41.47	40.43	40.27	37.04	36.00
20	34.71	34.23	33.87	34.76	35.90	37.98	.....	41.52	39.31	39.27	36.85	35.83
25	34.63	34.16	33.78	35.06	48.32	37.60	42.15	41.69	38.75	38.45	36.60	35.72
Eom	34.50	34.07	33.79	34.53	36.14	.....	41.56	45.76	39.83	37.93	36.40	35.56

1973

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	35.50	.....	34.53	34.16	33.86	36.06	52.26	44.80	40.82	37.96	36.60	35.82
10	35.42	.....	34.48	34.16	33.82	48.84	51.92	51.88	40.36	37.64	36.44	35.62
15	35.30	.....	34.48	34.10	33.78	50.64	42.66	40.12	39.76	37.44	36.22	35.68
20	35.20	.....	34.36	34.00	34.62	39.07	41.75	40.78	39.16	37.12	36.10	35.43
25	35.12	.....	34.30	34.00	34.18	42.32	40.50	53.55	38.70	36.96	36.06	35.29
Eom	.....	34.63	34.22	33.90	38.40	40.24	39.87	41.93	38.29	36.78	36.00	35.20

1974

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	34.43	34.08	33.80	.....	50.90	51.36	47.98	40.91	39.25	.....	36.65
10	.....	34.42	34.10	33.74	.....	38.00	40.64	42.98	39.77	38.67	.....	36.48
15	34.81	34.36	34.02	33.68	.....	37.59	39.89	41.56	38.95	38.77	37.56	36.30
20	34.71	34.26	33.97	33.61	.....	39.41	52.39	51.99	38.47	38.70	37.29	36.14
25	34.57	34.20	33.91	34.07	36.59	41.15	42.87	45.05	39.11	39.29	37.03	36.01
Eom	34.51	34.11	33.79	34.64	38.24	38.30	42.45	42.28	40.33	39.15	36.85	35.90

411421040343001. Local number 14-60-11bcl. M. L. Larson. Drilled irrigation water-table well in sand and gravel of alluvium, diam 24 in (61 cm), reported depth 60 ft (18 m), cased to 60 ft (18 m). Lsd 5,023 ft (1,531 m) above msl. MP top of casing, 0.40 ft (0.12 m) above lsd. Highest water level 8.47 ft (2.58 m) below lsd, Oct. 29, 1945; lowest 26.65 ft (8.12 m) below lsd, May 31, 1950. Records available: 1943-69, 1971-74. Measurement resumed in 1971.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 16, 1971	17.93	Apr. 24, 1972	19.76	Dec. 27, 1972	18.98	Oct. 3, 1973	19.74
June 18	18.04	May 23	18.65	Jan. 29, 1973	18.97	29	19.64
July 16	a35.6	June 23	a35.78	Feb. 27	18.87	Nov. 29	19.27
Aug. 23	a36.0	July 21	a34.50	Mar. 27	18.84	Feb. 11, 1974	18.68
Sept. 27	20.13	Aug. 25	19.82	Apr. 27	18.02	Mar. 28	18.44
Oct. 26	a36.0	Sept. 22	19.41	June 26	19.82	Sept. 23	21.68
Dec. 27	19.05	Oct. 25	20.45	Aug. 13	19.30	Nov. 11	20.96
Mar. 21, 1972	18.80	Nov. 22	19.25				

a Well being pumped.

411034104554001. Local number 14-67-18ddc. City of Cheyenne. Drilled unused artesian well in sand and gravel of Brule Formation, diam 12 in (30 cm), depth 229 ft (70 m), cased to 229 ft (70 m). Lsd 6,248 ft (1,904 m) above msl. MP top of casing, 1.50 ft (0.46 m) above lsd. Highest water level 12.48 ft (3.80 m) below lsd, Sept. 26, Oct. 28, 1957; lowest 34.15 ft (10.41 m) below lsd, Sept. 4, 1964. Records available: 1956-74.

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	19.37	18.23	18.76	19.38	18.24	17.83	25.82	23.79	22.31	22.42	19.51	20.56
10	19.04	19.37	18.79	20.51	18.00	19.16	23.84	23.53	24.62	20.63	19.71	20.55
15	19.22	19.67	18.24	20.23	17.79	21.02	25.99	24.14	24.77	20.26	20.14	19.44
20	19.33	19.77	17.70	20.36	18.26	23.57	25.49	26.48	23.83	20.08	20.23	19.16
25	19.43	18.54	17.71	18.90	18.48	25.24	25.14	26.25	22.87	19.85	20.20	19.81
Eom	18.53	18.69	17.40	18.67	17.87	26.30	23.82	25.12	22.14	19.65	21.02	20.14

1972

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	20.09	19.45	20.34	18.40	21.35	22.21	21.42	22.68	22.31	22.42	20.88	20.98
10	20.04	19.93	20.31	18.48	22.25	22.93	23.54	23.21	22.59	22.16	21.08	22.12
15	20.77	19.99	20.12	21.51	21.15	22.14	24.27	23.89	22.16	21.96	21.03	22.80
20	19.25	21.20	19.74	20.43	22.49	21.18	24.35	24.60	22.18	21.83	21.00	22.81
25	20.19	21.19	18.56	20.59	22.39	22.54	24.72	23.93	21.30	20.96	20.80	22.87
Eom	20.12	20.99	18.61	19.32	20.09	22.34	23.66	25.45	21.77	20.91	22.20	22.72

1973

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	22.63	21.10	20.70	20.50	20.42	24.72	24.45	23.45	25.81	20.16	21.76	20.28
10	21.42	21.00	20.81	20.59	21.23	25.04	26.94	23.21	25.01	20.14	20.37	19.35
15	22.47	21.07	20.34	20.39	22.65	25.13	26.55	24.63	22.63	22.54	20.70	19.08
20	22.98	21.02	20.66	20.10	24.03	24.92	25.67	25.58	21.51	24.00	20.46	18.83
25	21.59	21.00	20.73	21.07	25.09	26.19	23.88	26.50	21.00	24.15	22.38	18.72
Eom	21.09	20.86	20.71	20.63	24.05	25.05	23.35	26.77	19.77	23.14	23.16	18.98

411034104554001--Continued.

1974

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	18.88	19.27	19.17	19.09	22.64	25.76	27.04	27.24	27.88	25.55	21.42	21.92
10	18.93	... .	19.09	19.22	22.51	24.50	27.58	27.16	28.97	24.53	22.38	21.89
15	18.98	19.51	19.15	19.11	22.16	24.06	26.98	27.61	26.72	23.36	22.15	21.66
20	18.89	19.39	18.42	19.38	22.30	24.77	28.02	28.48	27.84	22.65	22.15	21.09
25	18.80	19.44	18.49	21.42	23.08	25.12	25.60	29.35	27.77	22.22	21.94	20.88
Eom	18.65	19.34	18.65	20.18	24.70	26.73	26.80	29.22	27.98	21.71	22.02	20.81

411050104584701. Local number 14-68-14ccb. City of Cheyenne. Drilled observation water-table well in sand and gravel of alluvium, diam 12 in (30 cm), depth 188 ft (57 m), cased with steel. Lsd 6,310 ft (1,923 m) above msl. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 7.08 ft (2.16 m) below lsd, Feb. 28, 1974; lowest 38.10 ft (11.61 m) below lsd, Sept. 12, 1961. Records available: 1941-48, 1950-74. Mar. 31, 1971, 10.74; Mar. 31, 1972, 11.88; Oct. 4, 1961; Apr. 2, 1973, 10.43; Oct. 8, 12.52; Apr. 2, 1974, 10.64; Oct. 24, 22.92.

410836105002801. Local number 14-68-33abc. City of Cheyenne. Drilled municipal water-table well in gravel of Ogallala Formation, diam 10 in (25 cm), depth 230 ft (70 m), perforated steel casing. Lsd 6,568 ft (2,002 m) above msl. MP upper edge of 2-in (5.1-cm) auxiliary pipe on south side of well, 2.30 ft (0.70 m) above lsd. Highest water level 120.16 ft (36.62 m) below lsd, Feb. 11, 1950; lowest 194.16 ft (59.18 m) below lsd, July 5, 1957. Records available: 1947-70, 1973-74. No measurement made in 1971-72. Apr. 2, 1973, 161.50; Oct. 4, 161.93; Apr. 1, 1974, 164.35; Oct. 24, 164.07.

411750104510901. Local number 15-67-2dba. Ervin A. Mueller. Rotary drilled irrigation artesian well in sand and gravel of Ogallala Formation, diam 16 in (41 cm), depth 182 ft (55 m), cased with steel to 182 ft (55 m), perforated 78-84 ft (24-26 m), 123-132 ft (37-40 m), 139-152 ft (42-46 m). Lsd about 6,240 ft (1,902 m) above msl. MP hole in side of casing, at lsd. Highest water level 72.14 ft (21.99 m) below lsd, May 5, 1964; lowest 77.06 ft (23.49 m) below lsd, Oct. 1, 1969. Records available: 1961-70, 1972, 1974. No measurement made in 1971, 1973. Sept. 16, 1972, 74.16; May 14, 1974, 72.66.

Lincoln County

415442110571801. Local number 22-119-5cda. Doyle Knouse. Drilled irrigation water-table well in terrace deposits of Bear River, diam 12 in (30 cm), depth 250 ft (76 m), cased with steel, perforated 40-250 ft (12-76 m). Lsd about 6,227 ft (1,898 m) above msl. MP top west side of airline plug, 0.50 ft (0.15 m) above lsd. Highest water level 29.58 ft (9.02 m) below lsd, Aug. 28, 1973; lowest 39.18 ft (11.94 m) below lsd, Apr. 17, 1962. Records available: 1959, 1962-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1971	35.73	Jan. 18, 1972	37.27	Mar. 9, 1973	36.11	Mar. 6, 1974	36.14
29	36.00	Feb. 7	34.53	Apr. 3	36.30	Apr. 3	34.66
Apr. 3	34.42	May 19	34.45	May 8	34.42	May 1	34.47
May 17	32.24	June 13	31.04	June 5	34.92	July 10	32.08
June 3	32.84	Sept. 12	30.19	Aug. 28	29.58	Aug. 6	30.48
Aug. 4	30.58	27	30.77	Oct. 2	31.06	Sept. 5	31.79
Sept. 2	29.94	Nov. 7	32.52	Nov. 6	32.69	Oct. 3	33.02
30	31.38	Dec. 7	33.59	Dec. 5	33.69	30	34.20
Nov. 9	33.00	Jan. 13, 1973	35.72	Jan. 1, 1974	34.74	Dec. 4	34.94
Dec. 2	34.60	Feb. 9	35.50	Feb. 6	35.52		

415557110571502. Local number 23-119-32bda2. Thorneck Bros. Drilled irrigation water-table well in terrace deposits of Bear River, diam 16 in (41 cm), depth 230 ft (70 m), cased with steel. Lsd about 6,211 ft (1,893 m) above msl. MP top south side of casing, 0.40 ft (0.12 m) above lsd. Highest water level 12.48 ft (3.80 m) below lsd, Aug. 9, 1972; lowest 30.30 ft (9.24 m) below lsd, Apr. 7, 1962. Records available: 1962-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1971	27.16	Sept. 2, 1971	18.75	June 13, 1972	14.16	Feb. 9, 1973	28.15
29	28.85	30	22.40	July 11	17.02	May 8	26.32
Apr. 3	25.66	Nov. 9	25.07	Aug. 9	12.48	June 5	23.40
May 17	b29.30	Dec. 2	26.15	Sept. 12	19.77	Jan. 9, 1974	25.11
June 3	17.14	Jan. 18, 1972	27.60	27	21.40	Feb. 6	25.62
July 9	16.58	Apr. 7	27.58	Nov. 7	24.52	May 1	26.53
Aug. 4	14.10	May 19	23.39	Dec. 7	25.31	30	23.77

b Well being pumped.

420202110560201 (revised). Local number 24-119-28aca. Formerly 24-119-28acb. Herman Teichert. Drilled irrigation water-table well in terrace deposits of Bear River, diam 16 in (41 cm), depth 230 ft (70 m), cased with steel, perforated 0-220 ft (0-67 m). Lsd about 6,195 ft (1,888 m) above msl. MP hole inside east side of pump shell, 0.20 ft (0.06 m) above lsd. Highest water level 9.44 ft (2.88 m) below lsd, July 9, 1971; lowest 18.24 ft (5.56 m) below lsd, Mar. 26, 1963. Records available: 1962-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1971	16.58	Sept. 30, 1971	14.78	Aug. 9, 1972	11.93	Aug. 28, 1973	13.77
29	16.67	Nov. 9	15.55	Sept. 12	13.19	Dec. 5	15.83
Apr. 3	15.81	Dec. 2	15.88	27	13.70	Jan. 9, 1974	16.30
May 17	13.80	Apr. 7, 1972	15.20	Nov. 7	15.78	Feb. 6	16.94
June 3	12.30	May 19	14.49	Dec. 7	16.20	May 30	11.67
July 9	9.44	June 13	9.86	Feb. 9, 1973	17.23	July 10	10.91
Aug. 4	12.05	July 11	10.39	July 10	9.70	Dec. 4	16.02
Sept. 2	13.10						

Natrona County

432633106115201 (revised). Local number 40-78-15aab. Town of Edgerton. Drilled unused artesian well in Mesaverde(?) Formation, diam 7 in (18 cm), depth 317 ft (97 m), cased with steel. Lsd 5,080 ft (1,548 m) above msrl. MP top of casing, 2.00 ft (0.61 m) above lsd. Highest water level 72.89 ft (22.22 m) below lsd, Aug. 12, 1965; lowest 79.75 ft (24.31 m) below lsd, Jan. 25, 1971. Records available: 1965-74. Recording gage removed March 1971.

Highest water level for the day, from recorder graph, 1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	79.33	79.38	78.82	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	79.14	79.50	78.77	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	79.38	79.48	78.72	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	79.36	79.60	78.80	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	79.75	79.11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Em	79.49	78.97	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 6, 1971	79.74	Oct. 18, 1972	77.10	Sept. 17, 1973	76.71	May 29, 1974	79.49
Apr. 21, 1972	76.47	Feb. 16, 1973	77.46	Nov. 20	76.73	Sept. 20	77.30
Sept. 23	76.91	May 30	76.27	Feb. 11, 1974	76.97	Nov. 20	77.24

Nicobrara County

424038104044101. Local number 31-60-9bd. John Bruegger. Drilled irrigation water-table well in Arikaree Formation, diam 12 in (30 cm), depth 130 ft (40 m), cased with steel to 20 ft (6 m), open hole below. Lsd not available. MP base of pump, at lsd. Highest water level 21.84 ft (6.66 m) below lsd, Apr. 22, 1963; lowest 26.00 ft (7.92 m) below lsd, July 31, 1974. Records available: 1962-69, 1972-74. Measurement resumed in 1972.

June 7, 1972	a33.54	Jan. 10, 1973	24.47	Nov. 1, 1973	23.98	June 27, 1974	24.80
Aug. 2	a37.48	Feb. 8	23.44	Dec. 5	23.80	July 31	26.00
30	24.25	Mar. 13	22.68	Feb. 21, 1974	22.92	Aug. 28	25.34
Sept. 21	24.45	Apr. 10	22.80	Mar. 21	22.26	Sept. 13	24.81
Oct. 18	24.47	May 24	22.71	Apr. 24	22.38	Oct. 29	24.50
Dec. 6	24.26	Aug. 23	24.11	May 29	(a)		

a Well being pumped.

423940104031201. Local number 31-60-15da. U.S. Geol. Survey. Drilled observation water-table well in Arikaree Formation, diam 1 1/2 in (3.8 cm), depth 110 ft (34 m), cased with pipe. Lsd not available. MP top of casing, 3.90 ft (1.19 m) above lsd. Highest water level 35.34 ft (10.77 m) below lsd, Mar. 21, 1974; lowest 37.05 ft (11.29 m) below lsd, Oct. 13, 1954. Records available: 1962-74.

Dec. 16, 1971	36.36	Feb. 8, 1973	35.95	Aug. 23, 1973	36.71	May 29, 1974	35.69
Aug. 2, 1972	36.10	Mar. 13	35.64	Nov. 1	35.75	June 27	36.29
30	36.68	Apr. 10	35.36	Dec. 5	36.19	July 31	36.73
Sept. 21	36.71	May 24	35.39	Feb. 21, 1974	35.72	Aug. 28	36.91
Oct. 18	36.60	June 13	35.80	Mar. 21	35.34	Sept. 19	36.78
Dec. 6	36.26	July 17	36.37	Apr. 24	36.38	Oct. 29	36.50
Jan. 10, 1973	36.31						

424203104175801. Local number 32-62-34cc. Joe Pfister. Drilled unused water-table well in silt and sand of alluvium, diam 8 in (20 cm), depth 28 ft (9 m), cased with steel. Lsd not available. MP top of casing, 1.90 ft (0.58 m) above lsd. Highest water level 2.99 ft (0.91 m) below lsd, May 28, 1962; lowest 6.89 ft (2.10 m) below lsd, Aug. 30, 1970. Records available: 1960-74.

Jan. 14, 1971	5.72	Jan. 20, 1972	5.39	Dec. 5, 1972	5.64	Dec. 4, 1973	5.39
Feb. 1	5.62	Feb. 17	5.44	Jan. 1, 1973	5.43	Feb. 20, 1974	54.88
Apr. 8	4.97	Mar. 30	5.04	Feb. 7	5.17	Mar. 21	4.59
May 14	3.83	May 5	4.84	Mar. 7	4.66	Apr. 24	4.30
June 11	3.51	June	5.29	Apr. 10	4.11	May 29	4.82
July 9	5.44	27	5.49	May 23	4.67	June 27	5.87
Aug. 6	5.87	27	5.66	June 23	5.04	July 30	5.49
Sept. 2	6.32	Aug. 2	4.97	July 16	6.21	Aug. 27	6.83
Nov. 13	5.63	30	5.65	Aug. 22	6.45	Sept. 18	6.55
18	5.32	Sept. 20	5.73	Oct. 30	5.60	Oct. 30	6.08
Dec. 16	5.44	Oct. 17	5.44				

j Water in a nearby channel.

424553104263401. Local number 32-63-8ac6. John White. Drilled domestic water-table well in Arikaree Formation, diam not available, depth 62 ft (19 m). Casing information and lsd not available. MP hole in pumpbase, at lsd. Highest water level 19.59 ft (5.97 m) below lsd, May 29, 1974; lowest 44.10 ft (13.44 m) below lsd, Oct. 13, 1964. Records available: 1962-69, 1972-74. Measurement resumed in 1972.

June 26, 1972	24.45	Feb. 8, 1973	29.14	Oct. 30, 1973	27.80	June 27, 1974	22.87
Aug. 1	24.00	Mar. 12	29.49	Dec. 4	27.57	July 30	26.39
30	30.35	May 23	22.80	Feb. 20, 1974	26.92	Aug. 27	26.84
Sept. 20	29.87	June 11	22.66	Mar. 20	23.11	Sept. 18	29.30
Oct. 16	29.61	July 16	27.20	Apr. 28	j19.00	Oct. 30	25.50
Dec. 4	29.09	Aug. 22	29.59	May 29	19.59		

j Water in a nearby channel.

GROUND-WATER LEVELS, 1971-74, NORTHWESTERN STATES

424232104261001. Local number 32-63-33bbb. Formerly 32-63-33bb. Earl Quigley. Drilled test hole for irrigation water-table well in sandstone of Arikaree Formation, diam 6 in (15 cm), depth 205 ft (62 m), cased to 10 ft (3 m). Lsd not available. MP top of casing, at lsd. Highest water level 40.25 ft (12.27 m) below lsd, June 26, 1972; lowest 42.48 ft (12.95 m) below lsd, Dec. 15, 1970. Records available: 1960-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 16, 1971	41.72	Dec. 4, 1972	40.37	Oct. 30, 1973	40.89	May 28, 1974	41.34
June 26, 1972	40.25	Mar. 12, 1973	40.97	Dec. 3	40.38	June 27	41.03
Aug. 1	40.44	May 22	41.12	Jan. 20, 1974	41.69	July 30	40.92
30	41.85	June 11	42.17	Feb. 20	41.13	Aug. 27	41.02
Sept. 20	40.97	July 16	40.99	Mar. 20	40.42	Sept. 18	41.17
Oct. 16	40.77	Aug. 22	41.08	Apr. 24	41.27		

Platte County

415730104585601. Local number 23-68-15ddd. U.S. Bureau of Reclamation. Drilled observation water-table well in Arikaree Formation, diam 1 3/4 in (4.5 cm), depth 602 ft (183 m), cased with steel to 232 ft (71 m), sand point, perched water cemented out. Lsd 5,087.8 ft (1,550.8 m) above ms1. MP top of casing, 2.90 ft (0.88 m) above lsd. Highest water level 52.15 ft (15.90 m) below lsd, Sept. 13, 1960; lowest 71.12 ft (21.68 m) below lsd, June 21, 1965. Records available: 1958-70, 1972, 1974. No measurement made in 1971, 1973. Sept. 19, 1972, 61.75; Mar. 5, 1974, 57.99; May 10, 59.31; Sept. 4, 58.13; Nov. 5, 57.65.

420441104585801. Local number 24-68-3dad. U.S. Bureau of Reclamation. Drilled observation artesian well in Arikaree Formation, diam 2 in (5.1 cm), depth 600 ft (183 m), cased with steel, screened. Lsd 4,713.07 ft (1,436.54 m) above ms1. MP top of casing, 1.00 ft (0.30 m) above lsd. Highest water level 11.86 ft (3.61 m) below lsd, Sept. 19, 1972; lowest 17.31 ft (5.28 m) below lsd, June 21, 1965. Records available: 1958-70, 1972, 1974. No measurement made in 1971, 1973. Sept. 19, 1972, 11.86; Mar. 5, 1974, 12.13; May 10, 12.73; Sept. 4, 12.33; Nov. 5, 12.28.

Sheridan County

443915106352202. Local number 54-81-14bc2. Ulm School. Drilled unused water-table well in coal of Wasatch Formation, diam 4 in (10 cm), depth 121 ft (37 m). Casing information and lsd not available. MP hole in plate over casing, 1.30 ft (0.40 m) above lsd. Highest water level 58.86 ft (17.94 m) below lsd, Apr. 20, 1965; lowest 64.00 ft (19.51 m) below lsd, July 18, 1973. Records available: 1961-74.

Dec. 1, 1971	62.79	July 18, 1973	64.00	Sept. 14, 1973	62.56	May 1, 1974	60.72
Sept. 23, 1972	62.19	Aug. 15	61.80	Oct. 10	61.11	Dec. 11	61.06
May 31, 1973	61.26						

Sublette County

423504110053001. Local number 30-111-17acal. Sublette County. Drilled public-service artesian well in Wasatch Formation, diam 8 in (20 cm), depth 435 ft (133 m), cased with steel. Lsd 5,880 ft (2,097 m) above ms1. MP through hole with bolt in top of 2-in (5.1-cm) board over casing, 5.00 ft (1.83 m) below lsd. Highest water level 18.13 ft (5.53 m) below lsd, Aug. 6, 1971; lowest 22.12 ft (6.74 m) below lsd, Nov. 9, 1972. Records available: 1965-74.

Jan. 7, 1971	19.96	Aug. 31, 1971	18.80	July 12, 1972	18.18	May 9, 1973	20.25
30	20.22	Oct. 5	20.00	Aug. 11	18.36	Sept. 6	18.72
Mar. 4	20.28	Nov. 3	19.42	Sept. 7	18.56	Nov. 8	19.37
Apr. 1	20.62	Dec. 4	19.48	27	18.79	Feb. 6, 1974	20.13
May 12	20.03	Mar. 30, 1972	19.90	Nov. 9	22.12	Apr. 30	20.96
June 6	19.17	May 18	19.80	Dec. 9	22.10	Sept. 6	18.56
July 7	18.38	June 14	19.03	Feb. 8, 1973	19.96	Oct. 30	19.29
Aug. 6	18.13						

430118110071001. Local number 35-111-8abd. U.S. Geol. Survey. Augered observation water-table well in alluvium at edge of Green River valley, 6-in (15-cm) auger hole, diam 1 in (2.5 cm), depth 39 ft (12 m), slotted pipe 30-39 ft (9-12 m). Lsd about 7,500 ft (2,286 m) above ms1. MP top of pipe, 3.00 ft (0.91 m) above lsd. Highest water level 4.65 ft (1.42 m) below lsd, Apr. 27, 1965; lowest 7.05 ft (2.15 m) below lsd, July 29, 1966. Records available: 1965-74.

Jan. 7, 1971	6.30	Oct. 21, 1971	6.27	Sept. 6, 1972	6.43	July 11, 1973	6.63
31	6.27	Nov. 15	6.37	18	6.23	Aug. 6	6.53
Apr. 3	6.20	Dec. 2	6.30	27	6.29	Nov. 6	6.60
May 13	5.75	Apr. 4, 1972	5.72	Nov. 7	5.89	Feb. 5, 1974	6.55
June 8	5.90	May 16	5.90	Dec. 7	5.80	Mar. 30	6.06
July 12	6.12	June 13	6.02	Jan. 9, 1973	5.75	July 9	6.37
Aug. 3	6.26	July 12	6.13	Feb. 8	5.84	Oct. 30	6.53
Sept. 11	6.28	Aug. 8	6.29	May 8	5.73		

Uinta County

411600110243301. Local number 15-115-20cba. School District (name and/or number unknown). Dug unused water-table well in alluvium of terrace along Blacks Fork, diam 24 in (61 cm), depth 17 ft (5 m), cased with tile. Lsd not available. MP top of concrete cover, 1.00 ft (0.30 m) above lsd. Highest water level 0.16 ft (0.05 m) above lsd, July 10, 1974; lowest 11.34 ft (3.46 m) below lsd, Mar. 28, 1963. Records available: 1957-74.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1971	-9.58	June 1, 1972	-1.44	May 8, 1973	-5.06	Feb. 26, 1974	-9.50
Apr. 3	10.26	July 11	2.52	June 5	6.53	Apr. 3	9.10
May 10	8.58	Aug. 8	3.28	July 10	7.15	May 2	6.75
June 6	4.57	Sept. 12	6.05	Aug. 7	9.23	31	-8.80
Aug. 5	2.03	28	6.46	28	9.83	July 10	1.16
Sept. 1	2.31	Nov. 7	5.37	Oct. 2	-5.90	Aug. 6	-1.08
Oct. 7	2.50	Dec. 8	5.95	Nov. 7	4.10	Sept. 4	3.85
Nov. 10	4.03	Jan. 15, 1973	7.24	28	-1.33	Oct. 1	5.83
Dec. 3	4.80	Feb. 6	8.15	Jan. 10, 1974	8.18	31	7.43
Apr. 6, 1972	7.69	Mar. 8	1.34	Feb. 7	9.00	Dec. 4	-8.60
May 19	3.98	Apr. 4	2.31				

412248111020301. Local number 16-121-1lac. Formerly 16-121-1lac. Elwin Sessions. Dug domestic water-table well in terrace deposits, diam 4+ ft (1.1 m), depth 34 ft (10 m), cribbed with rock. Lsd about 6,575 ft (2,004 m) above msl. MP top of corrugated casing, 3.30 ft (1.01 m) above lsd. Highest water level 12.19 ft (3.72 m) below lsd, June 8, 1970; lowest 29.12 ft (8.88 m) below lsd, Mar. 15, 1973. Records available: 1955-74.

Jan. 7, 1971	22.72	Jan. 6, 1972	24.29	Sept. 7, 1972	22.25	July 10, 1973	16.62
Apr. 3	23.40	Feb. 2	24.91	12	21.89	Aug. 28	16.32
May 11	19.07	Mar. 11	23.10	27	23.75	Dec. 5	25.30
June 6	12.93	Apr. 5	22.57	7	25.46	Mar. 7, 1974	28.40
July 14	16.51	6	22.43	Feb. 5, 1973	27.93	Apr. 3	26.55
Aug. 5	19.31	May 8	18.03	15	29.12	May 1	21.69
Oct. 7	21.47	June 1	12.69	15	25.08	30	17.03
Nov. 10	20.82	July 11	18.19	May 8	24.04	July 10	17.45
Dec. 2	23.12	Aug. 8	19.10	5	14.60	Dec. 4	23.76

References

- Hodson, W. G., Pearl, R. H., and Druse, S. A., 1974, Water resources of the Powder River basin and adjacent areas, northeastern Wyoming: U.S. Geol. Survey Hydrol. Inv. Atlas HA-165, 4 sheets.
- King, N. J., 1974, Occurrence of ground water in the Gillette area, Campbell County, Wyoming: U.S. Geol. Survey Misc. Inv. Map I-848-E, 1 sheet.
- Lowrey, M. E., 1973, Hydrology of the uppermost Cretaceous and lowermost Paleocene rocks in the Hilight oil field, Campbell County, Wyoming: U.S. Geol. Survey open-file rept. 60 p., 5 pl.
- Lowrey, M. E., Rucker IV, S. J., and Wahl, K. L., 1974, Water resources of the Laramie, Shirley and Hanna basins, and adjacent areas, Wyoming: U.S. Geol. Survey Hydrol. Inv. Atlas HA-471, 4 sheets.
- Ringen, B. H., 1973, Records of ground-water levels in Wyoming, 1940-1971: Wyoming State Engineer, Wyoming Water Planning Program rept. no. 13, 479 p.
- 1974, Ground-water levels in Wyoming, 1972-1973: Wyoming State Engineer, Wyoming Water Planning Program rept. no. 13, suppl. no. 1, 158 p.